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| Part Number: 0430450619 Status: Active Ververview: Active Secretation: Active Secretation: Meto-Fil.3.01 <sup>th</sup> Connectors Geld. Glow Wire Capable, Black  Deciments: De                                                                                                                               |                |                        |                                       |                                                          |                                                           |  |
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| Overview       Moor-Fit 3.0" Versite Hadder: 3.0mm Pitch, Dual Row, 6 Circuits, with Solder Tab, Gold, Glow Wire Capable, Black         Decemption:       Moor-Fit 3.0" Versite Hadder: 3.0mm Pitch, Dual Row, 6 Circuits, with Solder Tab, Gold, Glow Wire Capable, Black         Decemption:       Test Summary TS-43045-002 (PDF)<br>Robits Certification CPD-<br>Product Specification PS-43045 (PCF)<br>Product Specification PS-43045 (PCF)       Test Summary TS-43045-002 (PDF)<br>Robits Certification CPD-<br>Product Specification PS-43045 (PCF)         Product Specification TS-43045-001 (PDF)       Robits Certification CPD-<br>Product Specification PS-43045 (PCF)       Solies Certification PS-43045 (PCF)         Product Specification PS-43045 (PCF)       Robits Certification PS-43045 (PCF)       Solies Certification PS-43045 (PCF)         Solies       Product Specification PS-43045 (PCF)       Robits Certification PS-43045 (PCF)       Solies Certification PS-43045 (PCF)         Solies       Product Specification PS-43045 (PCF)       Robits Certification PS-43045 (PCF)       Solies Certification PS-2407 (PS) (PS) (PS) (PS) (PS) (PS) (PS) (PS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |                        | <u>0430450619</u>                     |                                                          |                                                           |  |
| Overview         Micro-Fit 3.0 <sup>m2</sup> Connectors           Description         Micro-Fit 3.0 <sup>m2</sup> Connectors           Declimantis:         Journal Methods (1900)           3D. Model<br>Drawing (PDF)         Test Summary TS-43045-002 (PDF)           Product Specification TS-43045-001 (PDF)         Lt 19980         Else Summary TS-43045-001 (PDF)           Product Specification TS-43045-001 (PDF)         PCB Headers         State Specification Sta                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Status: Active |                        | Active                                |                                                          |                                                           |  |
| Description:       Marco-FR 3.0 <sup>mv</sup> Vertical Header, 3.00mv Pitch, Dual Row, B Circuits, with Solder Tab,<br>Gold, Glow Wire Capable, Black         Documents:       3D.Madel         Drawing (PDP)       Test Summay TS-43045-002 (PDF)         Product Specification DS-43045 (PDF)       Product Specification CB-43045 (PDF)         Product Specification TS-43045 (PDF)       Product Specification CB-43045 (PDF)         Product Specification TS-43045 (PDF)       Product Specification CB-43045 (PDF)         Product Specification CB-43045 (PDF)       PCB Headers         Spriss       43045         Spriss       Agate Specification CB-43045 (PDF)         Product Specification CB-43045 (PDF)       PCB Headers         Spriss       43045         Comments       PCB Headers         Spriss       Agate Compliance (PDF)         Dreader Specification CB-750-75       This Interpreture Specification Transparture (SQUMT) of a manufacture (                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                | Overview:              | Micro-Fit 3.0 <sup>™</sup> Connectors |                                                          |                                                           |  |
| Cold Glow Wire Capable, Black         Decimients:         3D.Modil         Decimients:         3D.Modil         Decimients:         3D.Modil         Decimients:         SD.Modil         Decimients:         SD.Modil         Decimients:         SD.Modil         Decimients:         SD.Modil         Product Specification TS + 33045-001 (PDF)         Product Specification TS + 33045-001 (PDF)         Product Flamily         Series         Application         Comments         Comments         Overview         Product Specification PS-43040 (PDF)         Product Specificati                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |                        |                                       | er. 3.00mm Pitch. Dual Row. 6 Circuits. with Solder Tab. |                                                           |  |
| Documents:<br>30 Model<br>Drawing (PDF)<br>Product Specification TS-43045.001 (PDF)<br>Product Specification TS-43045.001 (PDF)<br>Product Literature (PDF)       Test Summary TS-43045-002 (PDF)<br>Product Literature (PDF)       Series image - Relations only         Agency Certification<br>CSA<br>UL       L119880<br>E29179       L119880<br>Product Specification TS-43045.001 (PDF)       Series image - Relations only         Series I<br>Product Family<br>Septication<br>Comments       L119880<br>Prover, Wire 4-Goard       PCB Headers<br>Model<br>Drawing (PMF)       China RoHS<br>Complaint<br>Product I manufacture (PDF)         Product Family<br>Septication<br>Comments       PCB Headers<br>Model<br>Drawing (PMF)       China RoHS<br>Complaint<br>Product I manufacture (PDF)       China RoHS<br>Complaint<br>Product I manufacture (PDF)         Product Family<br>Septication<br>Comments       PCB Headers<br>Model<br>Drawing (PMF)       China RoHS<br>Complaint<br>Product I manufacture (PDF)       PCH Headers<br>Model<br>Drawing (PMF)       China RoHS<br>Complaint<br>Product I manufacture (PDF)         Product I manufacture (PDF)       Product I manufacture (PDF)       Product I manufacture (PDF)       Product I manufacture (PDF)         Product I manufacture (PDF)       Product I manufacture (PDF)       Product I manufacture (PDF)       Product I manufacture (PDF)         Product I manufacture (PDF)       Product I manufacture (PDF)       Product I manufacture (PDF)       Product I manufacture (PDF)         Product I manufacture (PDF)       Product I manufacture (PDF)       Product I manufacture (PDF)       Product I manufacture (PDF) <t< td=""><td colspan="2"></td><td></td><td></td><td></td></t<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                        |                                       |                                                          |                                                           |  |
| 3D. Model<br>Drawing (PDF)<br>Product Specification PS-43045 (PDF)<br>Product Specification PS-43045 (PDF)<br>Product Literature (PDF)       Test Summary TS-43045-002 (PDF)<br>Product Literature (PDF)         Agency Certification<br>CSA<br>UL       LR19980<br>E3179       LR19980<br>E3179       LR19980<br>E3179         General<br>Product Family<br>September<br>Appariation<br>Comments       PCB Headors<br>40045       Description<br>Product Family<br>Product Family<br>Product Family<br>Product Family<br>September<br>Product Family<br>Product Family<br>Comments       PCB Headors<br>40045       Description<br>Product Family<br>Product Family<br>Product Family<br>Product Family<br>Product Family<br>Product Family<br>Comments       PCB Headors<br>40045       Description<br>Product Family<br>Product Family<br>Product Family<br>Product Family<br>Product Family<br>Product Comments       PCB Headors<br>40045         Comments       PCB Headors<br>40045       POB Headors<br>40045       Product Family<br>Product Family<br>Product Family<br>Product Comments Set out in International Standard ICE<br>S00335-15 th edition - household and similar electrical<br>application through testing or other acceptable mena-<br>as description for avy application<br>must determine is standard IFC 20085-2-11 and any application product of pow-wite International Standard ICE<br>S0035-15 th edition - household and similar electrical<br>application through testing or other acceptable mena-<br>as description of statability frouts in International Product Query<br>Product Compliance Questions.         Overview<br>Product Literature Order No<br>Product Comments       Serch Parts in this Series<br>300753816237         Physical<br>Drability (musing cycles max)<br>Family (musing cycles max)<br>Family (musing cycles max)<br>Family (musing cycles max)<br>Family (Family Commenton<br>Durability (musing cycles max)<br>Family (Matei Height<br>Material -                                                                                                                                                                                                                                                     |                |                        | • •                                   |                                                          |                                                           |  |
| 3D. Model<br>Drawing (PDF)<br>Product Specification FS-43045 (PDF)<br>Product Specification FS-43045 (PDF)<br>Product Literature (PDF)       Test Summary TS-4304-5002 (PDF)<br>Product Literature (PDF)         Agency Certification<br>CSA<br>UL       LR19980<br>E23179       LR19980<br>E23179       LR19980<br>E23179         General<br>Product Family<br>Sapation<br>Comments       PCB Headors<br>40045       Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-Wire-to-Board<br>Power-to-Cometo-to-<br>Power-Wire-to-Board<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power-to-Cometo-to-<br>Power |                | Documents:             |                                       |                                                          |                                                           |  |
| Dirawing (PDE)       Product Specification PS-43045 (PDF)         Product Specification PS-43045 (PDF)       Product Literature (PDF)         Agency Certification       CSA         UL       EX19800         General       Product Specification PS-43045 (PDF)         Product Specification PS-43045 (PDF)       PCB Headers         Application       A3045         Sories       A3045         Application       Power, Wire-to-Board         Comments       "High Temperature[Square Pin]Solder Type-dP-AP-This         Material - Parker       Mode Specification on product         Application       "High Temperature[Square Pin]Solder Type-dP-AP-This         Material - Parker       Mode Specification on product         Orements       "High Temperature[Square Pin]Solder Type-dP-AP-This         Product Specification PS-4000       Mode Specification on product         Product Specification PS-4000       Tight Temperature (SWIP) of at the fallogen-free         Status       Alogen-free         Status       Alogen Specification PS-4000         Material - Planty Material - Material - Interperature (SWIP)       Alogen Specification on product         Overview       Product Iterature Order No         Product Name       Micro-Fit 3.0 <sup>material</sup> UPC       Mode Specificatio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                        |                                       | Test Summary TS-43045-002 (PDF)                          |                                                           |  |
| Product Specification PS-43045 (PDF)       Product Literature (PDF)       Series image - Reference only         Agency Certification       LR 1980         UL       E29179         General       Product Family         Series       43045         Application       Power, Wire-to-Board         Thigh Temperature[Square Pin]Solder Type-P>-R>This       Molex product is manufactured from material that has         Molex product Family       Power, Wire-to-Board         Thigh Temperature[Square Pin]Solder Type-P>-R>This       Molex product is manufactured from material that has         A Clow Wire Ignition Temperature (GWTI) of at least 75 Geg C per IEC GeoBy-2-11, and for the complex with the requirements set out in the International Standard IEC GeoBy-2-12, and the Internation Standard IEC GeoBy-2-12, and the International Standard IEC GeoBy-2-12, and International Standard IEC GeoBy-2-13, and International Standard IEC GeoBy-2-12, an                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |                        |                                       |                                                          |                                                           |  |
| Product Specification       Series image - Reference only         Agency Certification       LR 19980         CSA       L29179         General       Product Family         Sories       43045         Application       Product Family         Sories       43045         Comments       Product Specification Type-P> <p>This         Ower, Wire-to-Board       Power, Wire-to-Board         Comments       Product Specification Tomeprature (OWT) of at<br/>the following ratings, tested by independent agencies:<br/>a) A Glow Wire (pinkted (WTP) at ant<br/>the following ratings, tested by independent agencies:<br/>a) A Glow Wire (pinkted (WTP) at ant<br/>the following ratings, tested by independent agencies:<br/>a) A Glow Wire (pinkted (WTP) at ant<br/>the following ratings, tested by independent agencies:<br/>a) A Glow Wire (pinkted (WTP) at ant<br/>the following ratings, tested by independent agencies:<br/>a) A Glow Wire (pinkted (WTP) at ant<br/>the cast and fileP&gt;-P&gt; The customers using this product<br/>must determine is set utilis Standard IEC<br/>60095-2-12.and hence complexe with the product<br/>must determine is set utilis (For use in fammability to use in fammability to use in fammability to use in fammability to use in fammability for use in famma</p>                                                                                                                                                                                                                                                                                                                                                                                                                                            |                | J V V                  | <u>PS-43045 (PDF)</u>                 |                                                          | $\downarrow \downarrow                                  $ |  |
| CSA       LR19980         UL       E29179         General       Product Family         Product Family       PCB Headers         Series       43045         Application       Power, Wire-to-Board         Comments       "High TemperaturelSquare PinJSolder Type-P>-PSTB         Molex product is manufactured from material that has<br>the following ratings, tested by independent agencies       Not Celevant         Vire (Comments       "High TemperaturelSquare PinJSolder Type-P>-PSTB         Molex product is manufactured from material that has<br>the following ratings, tested by independent agencies       Not Celevant         Comments       a) A Glow Wire Ignition Temperature (GWIT) of at<br>least 757 deg C per IEC 60695-2-13 b) A Glow       Need more information on product<br>environmental compliance?         Email productsom/filence & moles.com       Product Manual the Context Us section for any<br>non-product compliance @ moles.com         application through testing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                        |                                       |                                                          | Series image - Reference only                             |  |
| CSA       LR19980         UL       E29179         General       Product Family         Product Family       PCB Headers         Series       43045         Application       Power, Wire-to-Board         Comments       "High TemperaturelSquare PinjSolder Type-P>-PSTB         Mole x product is manufactured from material that has<br>the following ratings, tested by independent agencies       Not Celevant         Vire (Comments       "High TemperaturelSquare PinjSolder Type-P>-PSTB         Mole X (Compliant Agencies)       A Glow Wire Ignition Temperature (GWTI) of at<br>least 775 deg C per IEC 60695-2-13) h A Glow       Halogen-Free<br>Status         Status       application to no product<br>application through testing in the cantent Use complias with the<br>requirements set out in the International Standard IEC<br>60335-1 fth edition - household and similar electrical<br>application through testing of other acceptable means<br>as described in end product glow-wire flammability the Context Use<br>as described in end product glow-wire flammability for use in their particular<br>application through testing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |                        |                                       |                                                          |                                                           |  |
| CSA       LR19980         UL       E29179         General       Product Family         Product Family       PCB Headers         Series       43045         Application       Power, Wire-to-Board         Comments       "High Temperature[Square Pin]Solder Types-P>-PTNIS         Molex product is manufactured from material that has<br>the following ratings, tested by independent agencies       Not Contained Per -<br>ED/21/2016 (20 June 2016)         Jander Product Section       A Glow Wire Ignition Temperature (GWIT) of at<br>least 775 deg C per IEC 60695-2-13 b) A Glow       Not demonstrate on product<br>environmental compliance?         Email productcompliance @molex.com       Product Compliance @molex.com       Prease visit the Contact US section for any<br>non-product compliance @molex.com         Application through testing or other acceptable means<br>as described in end-product glow-wire flammability that<br>application through testing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                | Agency Certification   |                                       |                                                          | EU ELV                                                    |  |
| General       Compliant         Product Family       PCB Headers         Series       43045         Application       Power, Wire-b-Board         Comments       "High Temperature[Square Pin]Solder Type-P>-PTNis         Mole Spring       The Compliant         Biolowing ratings, tested by independent agencies:       a) A Glow Wire ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13. b) A Glow         Wire Fiammability Index (GWFI) above 850 deg C per IEC 60695-2-13. d) A Glow Wire ignition Temperature (GWIT) of at agpliance 3: and free Compliance 1: and appliance 3: and application through testing this product agpliance 3: after, early and any applicable prevents as described in end product gring this product must determine its suitability for use in their patientularir application through testing or other acceptable means as described in end product gringPo-FN the customers to suitability, that higher performance is regulation of suitability, that higher performance is regulation of suitability, that higher performance is regulated prevents         Product Name       Micro-Fit 3.0 <sup>TM</sup> Concertors         Product Literature Order No       987660-5984         Ourcitis (Loaded)       6 </td <td></td> <td></td> <td></td> <td>LR19980</td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                        |                                       | LR19980                                                  |                                                           |  |
| General       Compliant         Product Family       PCB Headers         Series       43045         Application       Power, Wire-to-Board         Comments       "High Temperature[Square Pin]Solder Types/Ps-Ps-This         Molex product is maunfactured from material that has       the following ratings, tested by independent agencies:         a) A Glow Wire Iganiton Temperature (GVII) of at least 775 deg C per IEC 60852-213. b) A Glow       Halogen-Free         Status       Low-Halogen         Devertise       application through lesting or other acceptable means         a polication through lesting or other acceptable means       as described in end-product glow-wire flammability test         Overview       Micro-Fit 3.0 <sup>TM</sup> Connectors         Product Literature Order No       B97650-5944         Product Literature Order No       B97650-5944         Product Interature Order No       B07650-5944         Product Interature Order No       B07650-5944      <                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                | UL                     |                                       | E29179                                                   |                                                           |  |
| Product Family       PCB Headers         Series       43045         Application       Power, Wire-to-Board         Comments       Power, Wire-to-Board         Molex product is manufactured from material hat has<br>the following ratings, tested by independent agencies:<br>a) A Glow Wire lightion Temperature (GWIT) of at<br>least 775 deg C per IEC 60089-2-13. b) A Glow       Halogen-Free         Status       Salus       Salus         Low-Halogen       Low-Halogen         Wire P-Shower, Wire status of the lightion Temperature (GWIT) of at<br>least 775 deg C per IEC 60089-2-13. b) A Glow       Wire Halogen-Free         Salus       Salus       Low-Halogen         Low-Halogen       Need more information on product<br>must determine its suitability for use in their particular<br>application through testing or other acceptable means<br>as described in end-product glow-wire flammability test<br>standard IEC 60695-2-11 and any applicable product<br>end-use standard(s). <p> If it is determined during<br/>the customer's evaluation of suitability for use in their particular<br/>application through testing or other acceptable product<br/>end-use standard(s). <p> If it is determined during<br/>the customer's evaluation of suitability, that higher<br/>performance is required, please contact Molex for<br/>possible product options.<sup>1</sup>         Overview       Micro-Fit 3.0<sup>TM</sup> Connectors         Product Name       Micro-Fit 3.0<sup>TM</sup> Connectors         UPC       80075816237         Physical       6         Circurus (Loaded)       6     <td></td><td></td><td></td><td></td><td></td></p></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |                        |                                       |                                                          |                                                           |  |
| Series       43045         Application       Power, Wire-to-Board         Comments       "High Temperature[Square Pin[Solder Type-P>-P>This         Molex product is manufactured from material that has<br>the following ratings, tested by independent agencial that has<br>the tablow Wire [Eg tot095-2-13.a) b) A Glow       Halogen-Free         Status       a) A Glow Wire [Gritton Temperature (GWTP) of at<br>least 775 deg C per IEC 60085-2-13.a) b) A Glow       Not Contained Per -<br>Egot095-2010 (Deg to the Content of the temperature (GWTP) of at<br>least 775 deg C per IEC 60085-2-13.a) b) A Glow       Not Halogen         Wire Flammability Index (GWTP) above 800 deg C<br>per IEC 60085-2-12.and hence complies with the<br>requirements set out in the international Standar IEC<br>600336-15 the durino - household and similar electrical<br>application through testing or other acceptable means<br>as described in end-product glow-wire flammability Index<br>tandard IEC 60085-2-11 and any application of suitability, that higher<br>performance is required, please contact Molex for<br>possible product options."         Overview       Product Name         Product Name       Micro-Fit 3.0 <sup>mu</sup> Connectors         VProduct Literature Order No<br>Product Literature Order No       967630-5984<br>(200753816237         Physical       Back         Durability (mating cycles max)       30<br>(2007-Resin         Glow-Wire Compliant       Yes<br>Material - Plating Mating         Material - Haiting Mating       Gold         Material - Plating Termination       Tradit Goldol <td>1</td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1              |                        |                                       |                                                          |                                                           |  |
| Application       Power, Wire-to-Board         Comments       "High Temperature(Square Phi)Solder TypexP>xP>This         Molex product is manufactured from malactured f                                                                                                                                                                                                                                               |                |                        |                                       |                                                          |                                                           |  |
| Comments       "High Temperature(Square Pin)Solder TypecP>-P>This       2016)         Molex product is manufactured from material that has the following ratings, tasted by independent agencies       a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13 b) A Glow       2016)         Wire Flammability Index (GWF) above 8005-2-13 b) A Glow       Wire Flammability Index (GWF) above 8005-2-13 b) A Glow       Net Halogen-Free         Status       Low-Halogen       Low-Halogen       Net Halogen-Free         Status       Low-Halogen       Net Halogen-Free       Status         Low-Halogen       Low-Halogen       Net Halogen-Free       Status         Low-Halogen       The Commers complies with the requirements set out in the International Standard IEC       Edition - household and similar electrical application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product empliance questions.       China ROHS       Green Image         Cverview       Micro-Fit 3.0 <sup>m</sup> Connectors       Green Image       ELV       Not Relevant         Product Literature Order No       987650-5984       Not Relevant       30255 Micro-Fit 3.0 <sup>m</sup> Receptacle Housing         VuPC       800753816237       Mates With       430255 Micro-Fit 3.0 <sup>m</sup> Receptacle Housing         Physical       E       Color - Resin       Black       Jon       Jo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |                        |                                       |                                                          |                                                           |  |
| Molex product is manufactured from material that has the following ratings, tested by independent agencies::       a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-213. b) A Glow       Halogen-Free Status         Low-Halogen       Need more information on product employees to be added to                                                                                                                                                                                                                             |                |                        |                                       |                                                          |                                                           |  |
| bit following ratings, tested by independent agencies::       a) A Glow Wire Ignition Temperature (GWIT) of at the set 1775 deg C per IEC 60695-2-13. b) A Glow Wire IEC 60695-2-13. c) A holew 850 deg C       bit Status       bit Med more information on product environmental compliance?         PIEC 60695-2-112.an thence complies with the requirements set out in the International Standard IEC 60335-6 514 edition - house 850 deg C       Email product.compliance?       Email product.compliance?         Goods and file.       eP IEC 60695-2-112.an thence complies with the contact Us section for any appliances - safety, section 30 Resistance to heat and file.       eP AP> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability tests standard IEC 60695-2-11 and any applicable product end-use standard(s). <p> If it is determined furing the customer's evaluation of suitability. that higher performance is required, please contact Molex for possible product options."         Overview       Micro-Fit 3.0<sup>TM</sup> Connectors         Product Literature Order No       987650-5984         Product Name       Micro-Fit 3.0<sup>TM</sup>         UPC       80753816237         Physical       Black         Durability (mating cycles max)       30         Color - Resin       Black         Durability (mating cycles max)       30         Glow-Wire Compliant       Yes         Mated Height       17.64mm</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                | Comments               |                                       |                                                          | ,                                                         |  |
| <ul> <li>a) A Glow Wire Ignition Temperature (GWT) of at least 775 deg C per IE C 60895-2-13 b) A Glow Wire Flammability Index (GWF) above 850 deg C per IEC 60895-2-12.and hence complias with the requirements set out in the International Standard IEC 60335-1 Sth edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <p>-R&gt;-P&gt; The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard (EC 60695-2-11 and any applicable product end-use standard (S). <p> If it is determined during the sting or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard (S). <p> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options."</p></p></p></li> <li>Overview Micro-Fit 3.0<sup>m</sup> Receptacle Housing</li> <li>Product Name Micro-Fit 3.0<sup>m</sup> Receptacle Housing</li> <li>Physical Breakaway No</li> <li>Circuits (Loaded) 6</li> <li>Cotor - Resin Black</li> <li>Durability (mating cycles max) 30</li> <li>Flammability (mating cycles max) 30</li> <li>Flammability (mating cycles max) 430-444</li> <li>Glow-Wire Compliant Yes</li> <li>Material - Netal Mating Mating Gold</li> <li>Material - Netal Mating Mating Gold</li> <li>Material - Netal Mating Mating Gold</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                        |                                       |                                                          |                                                           |  |
| Image: Product Structure Content in the international Standard IEC       Need more information on product environmental compliance?         Image: Product Structure Content international Standard IEC       Structure Content international Standard IEC       Need more information on product environmental compliance?         Image: Product Structure Content international Standard IEC       Structure Content international Standard IEC       Need more information on product environmental compliance?         Image: Product Structure Content international Standard IEC       Structure Content international Standard IEC       Structure Content international Standard IEC         Image: Product Structure Content internation international Standard IEC       Structure Content international Standard IEC       Structure Content international Standard IEC         Image: Product Structure Content internation international Standard IEC       Structure Content international Standard IEC       Structure Content international Standard IEC         Image: Product Structure Content internation internation internation into international Standard IEC       Structure Content international Standard IEC       Structure Content international Standard IEC         Image: Product Structure Content internation internation internation internation international Standard IEC       Structure international Standard IEC       Structure international Standard IEC         Image: Product Structure Content internation internation internation internation internation internations internations internations internations internations internations internations internation internations interna                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                        |                                       |                                                          |                                                           |  |
| Wire Flammability Index (GWF) above 850 deg C per IEC 60635-21-21 and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical applicatione - safety, section 30 Resistance to heat and fire. <p><p> The customers using this product must determine its suitability for use in their particular applicatione is requirement is suitability for use in their particular applicatione is negliticated with the reducement as a described in end-product glow-wire flammability test standard IEC 60635-21 and any applicable product options."       China ROHS Green Image EUV Not Relevant         Overview       Micro-Fit 3.0<sup>TM</sup> Connectors       Search Parts in this Series 43045 Series         Product Literature Order No       987650-5984       Mateo-Fit 3.0<sup>TM</sup> Receptacle Housing         Product Name       Micro-Fit 3.0<sup>TM</sup> Above 800 Concetors       Mateo Housing         Physical       Breakaway       No         Circuits (Loaded)       6       Color - Resin         Durability       94V-0       Glow-Wire Compliant       Yes         Material - Metal       Brass       Brass       Brass         Material - Plating Mating       Gold       Gold</p></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |                        |                                       |                                                          |                                                           |  |
| Price 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 Sth edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <p>-       Email product compliance @molex.com         Please visit the <u>Contact US</u> section 50 rouse in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <p> If its determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product product flow-wire flammability test standards.        Search Parts in this Series 43045 Series         Overview       Micro-Fit 3.0<sup>TM</sup> Connectors       Product Literature Order No       987650-5984         Product Name       Micro-Fit 3.0<sup>TM</sup> Connectors       Mates With 43025 Micro-Fit 3.0<sup>TM</sup> Receptacle Housing         Physical       Break away       No         Corouts (Loaded)       6       Color - Resin       Black         Durability (mating cycles max)       30       Junt       Junt         Durability (mating cycles max)       30       Junt       Junt         Material - Metal       Brass       Gold       Junt         Material - Metal       Brass       Gold       Junt</p></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |                        |                                       |                                                          |                                                           |  |
| Physical       Earl and the customer's evaluation of suitability of use in the international Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <p>&gt; The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard (IEC 60052-211 and any applicable product end-use standard(s). <p>I it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.       China ROHS       Green Image         Overview       Micro-Fit 3.0<sup>TM</sup>       Search Parts in this Series       43045 Series         Product Literature Order No       987650-5984       Micro-Fit 3.0<sup>TM</sup>       Receptacle Housing         Product Name       Micro-Fit 3.0<sup>TM</sup>       43025 Micro-Fit 3.0<sup>TM</sup>       43025 Micro-Fit 3.0<sup>TM</sup>         UPC       800753816237       Physical       Fraekaway       No         Circuits (naximum)       6       Color - Resin       Black       Jo         Durability (mating cycles max)       30       30       Flammability       94V-0         Glow-Wire Compliant       Yes       Yes       Hate Height       I fafurm         Material - Metal       Brass       Gold       Jore Height       Jore Micro-Fit 3.0<sup>TM</sup></p></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                        |                                       |                                                          | environmental compliance?                                 |  |
| 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <p><p>The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(5). <p> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product topions."       China ROHS       Green Image         Overview       Micro-Fit 3.0<sup>TM</sup> Connectors       Search Parts in this Series       43045 Series         Product Literature Order No       987650-5984       Micro-Fit 3.0<sup>TM</sup>       Mates With         UPC       800753816237       Mates With       43025 Micro-Fit 3.0<sup>TM</sup> Receptacle Housing         Physical       E       Search Parts in this Series       Micro-Fit 3.0<sup>TM</sup>         Breakaway       No       Circuits (maximum)       6       Sourt Series       Mates With         Color - Resin       Black       Jourability (mating cycles max)       30       Flammability       94V-0         Glow-Wire Compliant       Yes       Material - Plating Mating       Gold       Jourability       Jourability         Material - Plating Mating       Gold       Trie       Trie       Jourability       Jourability</p></p></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                        |                                       |                                                          | Email productcompliance@molex.com                         |  |
| appliances - safety, section 30 Resistance to heat<br>and fire. <p><p> The customers using this product<br/>must determine its suitability for use in their particular<br/>application through testing or other acceptable means<br/>as described in end-product glow-wire flammability test<br/>standard IEC 60695-2-11 and any applicable product<br/>end-use standard(s). <p> If it is determined during<br/>the customer's evaluation of suitability, that higher<br/>performance is required, please contact Molex for<br/>possible product options."       Search Parts in this Series<br/>43045 Series         Overview<br/>Product Literature Order No<br/>Product Name<br/>UPC       Micro-Fit 3.0<sup>TM</sup> Connectors<br/>800753816237       Mates With<br/>43025 Micro-Fit 3.0<sup>TM</sup> Receptacle Housing         Preskaway<br/>Circuits (maximum)       6<br/>Circuits (maximum)       6<br/>Circuits (maximum)       6<br/>Circuits (maximum)         Black<br/>Durability<br/>feature Compliant       94V-0<br/>Silex       30<br/>Flammability<br/>Series       5         Material - Metal<br/>Material - Plating Mating<br/>Material - Plating Mating       Brass<br/>Gold<br/>Material - Plating Mating       5</p></p></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |                        |                                       |                                                          |                                                           |  |
| and fire. <p><p> The customers using this product<br/>must determine its suitability for use in their particular<br/>application through testing or other acceptable means<br/>as described in end-product glow-wire flammability test<br/>standard IEC 60695-2-11 and any applicable product<br/>end-use standard(s). <p> If its determined during<br/>the customer's evaluation of suitability, that higher<br/>performance is required, please contact Molex for<br/>possible product options.*       Search Parts in this Series<br/>43045 Series         Overview       Micro-Fit 3.0<sup>TM</sup> Connectors       Mates With<br/>43025 Micro-Fit 3.0<sup>TM</sup> Receptacle Housing         Product Literature Order No       987650-5984       Mates With<br/>43025 Micro-Fit 3.0<sup>TM</sup> Receptacle Housing         UPC       800753816237       Mates With<br/>43025 Micro-Fit 3.0<sup>TM</sup> Receptacle Housing         Physical       Eraekaway       No         Circuits (maximum)       6       5         Color - Resin       Black       Jo         Durability (mating cycles max)       30         Flammability<br/>Glow-Wire Compliant       Yes         Material - Metal       Brass         Material - Plating Termination       Gold         Material - Plating Termination       Tin</p></p></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |                        |                                       |                                                          | non-product compliance questions.                         |  |
| must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(S)P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options."       Search Parts in this Series 43045 Series         Overview       Micro-Fit 3.0 <sup>TM</sup> Connectors       Micro-Fit 3.0 <sup>TM</sup> Connectors         Product Literature Order No       987650-5984         Product Name       Micro-Fit 3.0 <sup>TM</sup> Connectors         UPC       800753816237         Physical       Ereakaway         Circuits (Loaded)       6         Circuits (Loaded)       6         Corer No       Black         Durability (mating cycles max)       30         Flammability       94V-0         Glow-Wire Compliant       Yes         Material - Plating Termination       Tin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |                        |                                       |                                                          |                                                           |  |
| application inrodyn testing of orine acceptable means<br>as described in end-product glow-wire flammability test<br>standard IEC 60695-2-11 and any applicable product<br>end-use standard(s). eP> If it is determined during<br>the customer's evaluation of suitability, that higher<br>performance is required, please contact Molex for<br>possible product options."       Search Parts in this Series<br>43045 Series         Overview       Micro-Fit 3.0™ Connectors<br>987650-5984       Mates With<br>43025 Micro-Fit 3.0™ Receptacle Housing         Product Name       Micro-Fit 3.0™<br>8070-578316237       Mates With<br>43025 Micro-Fit 3.0™ Receptacle Housing         Physical       Breakaway       No         Circuits (Loaded)       6         Color - Resin       Black         Durability (mating cycles max)       30         Glow-Wire Compliant       Yes         Material - Metal       Brass         Material - Plating Mating       Gold         Material - Plating Termination       Tin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                        |                                       |                                                          | 5                                                         |  |
| Standard IEC 60695-2-11 and any applicable product<br>end-use standard(s). <p> If it is determined during<br/>the customer's evaluation of suitability, that higher<br/>performance is required, please contact Molex for<br/>possible product options."       Search Parts in this Series<br/>43045 Series         Overview       Micro-Fit 3.0<sup>TM</sup> Connectors       Mates With<br/>43025 Micro-Fit 3.0<sup>TM</sup> Receptacle Housing         Product Literature Order No       987650-5984       Mates With<br/>43025 Micro-Fit 3.0<sup>TM</sup> Receptacle Housing         Product Name       Micro-Fit 3.0<sup>TM</sup>       Micro-Fit 3.0<sup>TM</sup>         UPC       800753816237       Mates With<br/>43025 Micro-Fit 3.0<sup>TM</sup> Receptacle Housing         Physical       Ereakaway       No         Circuits (Loaded)       6       Circuits (maximum)         Goor - Resin       Black       Durability (mating cycles max)         Durability (mating cycles max)       30         Flammability       94V-0         Glow-Wire Compliant       Yes         Material - Metal       Brass         Material - Plating Mating       Gold         Material - Plating Termination       Tin</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                        |                                       | application through testing or other acceptable means    | ELV Not Relevant                                          |  |
| end-use standard(s). <p> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options."       Search Parts in this Series 43045 Series         Overview       Micro-Fit 3.0<sup>TM</sup> Connectors       Mates With 43025 Micro-Fit 3.0<sup>TM</sup> Receptacle Housing         Product Literature Order No       987650-5984       Mates With 43025 Micro-Fit 3.0<sup>TM</sup> Receptacle Housing         VPC       800753816237       Mates With 000000000000000000000000000000000000</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |                        |                                       |                                                          |                                                           |  |
| he customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options."       43045 Series         Overview       Micro-Fit 3.0™ Connectors         Product Literature Order No       987650-5984         Product Name       Micro-Fit 3.0™         UPC       800753816237         Physical       Ereakaway         Breakaway       No         Circuits (Loaded)       6         Cotor - Resin       Black         Durability (mating cycles max)       30         Flammability       94V-0         Glow-Wire Compliant       Yes         Mated Height       17.64mm         Material - Plating Mating       Gold         Material - Plating Termination       Tin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |                        |                                       |                                                          |                                                           |  |
| Performance is required, please contact Molex for possible product options."         Overview       Micro-Fit 3.0™ Connectors         Product Literature Order No       987650-5984         Product Name       Micro-Fit 3.0™         UPC       800753816237         Physical       E         Breakaway       No         Circuits (Loaded)       6         Circuits (maximum)       6         Color - Resin       Black         Durability (mating cycles max)       30         Flammability       94V-0         Glow-Wire Compliant       Yes         Material - Metal       Brass         Material - Plating Mating       Gold         Material - Plating Termination       Tin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |                        |                                       | end-use standard(s). <p> If it is determined during</p>  | Search Parts in this Series                               |  |
| Overview       possible product options."       Mates With         Overview       Micro-Fit 3.0 <sup>TM</sup> Connectors       43025 Micro-Fit 3.0 <sup>TM</sup> Receptacle Housing         Product Name       Micro-Fit 3.0 <sup>TM</sup> 43025 Micro-Fit 3.0 <sup>TM</sup> Receptacle Housing         Product Name       Micro-Fit 3.0 <sup>TM</sup> 43025 Micro-Fit 3.0 <sup>TM</sup> Receptacle Housing         UPC       800753816237       800753816237         Physical       E       E         Breakaway       No       6         Circuits (Loaded)       6       6         Circuits (maximum)       6       6         Color - Resin       Black         Durability (mating cycles max)       30         Flammability       94V-0         Glow-Wire Compliant       Yes         Mated Height       17.64mm         Material - Metal       Brass         Material - Plating Mating       Gold         Material - Plating Termination       Tin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |                        |                                       |                                                          | <u>43045</u> Series                                       |  |
| Overview       Micro-Fit 3.0™ Connectors         Product Literature Order No       987650-5984         Product Name       Micro-Fit 3.0™         UPC       800753816237         Physical       Image: State of the sta                                                                                                                                                                                                                                                                                                                              |                |                        |                                       |                                                          |                                                           |  |
| Product Literature Order No       987650-5984         Product Name       Micro-Fit 3.0™         UPC       800753816237         Physical       Image: Stress of the s                                                                                                                                                                                                                                                                                           |                |                        |                                       |                                                          | Mates With                                                |  |
| Product Name<br>UPCMicro-Fit 3.0™<br>800753816237PhysicalBreakawayNoCircuits (Loaded)6Circuits (maximum)6Color - ResinBlackDurability (mating cycles max)30Flammability94V-0Glow-Wire CompliantYesMaterial - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |                        | 1 N1                                  |                                                          | 43025 Micro-Fit 3.0 <sup>™</sup> Receptacle Housing       |  |
| UPC800753816237PhysicalBreakawayNoCircuits (Loaded)6Circuits (maximum)6Color - ResinBlackDurability (mating cycles max)30Flammability94V-0Glow-Wire CompliantYesMaterial - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |                        | ier no                                |                                                          | , <u> </u>                                                |  |
| PhysicalBreakawayNoCircuits (Loaded)6Circuits (maximum)6Color - ResinBlackDurability (mating cycles max)30Flammability94V-0Glow-Wire CompliantYesMater Height17.64mmMaterial - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                        |                                       |                                                          |                                                           |  |
| BreakawayNoCircuits (Loaded)6Circuits (maximum)6Color - ResinBlackDurability (mating cycles max)30Flammability94V-0Glow-Wire CompliantYesMated Height17.64mmMaterial - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |                        |                                       | 000700010237                                             |                                                           |  |
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| Circuits (Loaded)6Circuits (maximum)6Color - ResinBlackDurability (mating cycles max)30Flammability94V-0Glow-Wire CompliantYesMated Height17.64mmMaterial - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                | -                      |                                       | No                                                       |                                                           |  |
| Circuits (maximum)6Color - ResinBlackDurability (mating cycles max)30Flammability94V-0Glow-Wire CompliantYesMated Height17.64mmMaterial - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                        |                                       |                                                          |                                                           |  |
| Durability (mating cycles max)30Flammability94V-0Glow-Wire CompliantYesMated Height17.64mmMaterial - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                | · · · · · ·            |                                       | 6                                                        |                                                           |  |
| Flammability94V-0Glow-Wire CompliantYesMated Height17.64mmMaterial - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                | Color - Resin          |                                       | Black                                                    |                                                           |  |
| Glow-Wire CompliantYesMated Height17.64mmMaterial - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                | Durability (mating cyc | es max)                               |                                                          |                                                           |  |
| Mated Height17.64mmMaterial - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                        |                                       | 94V-0                                                    |                                                           |  |
| Material - Plating MatingBrassMaterial - Plating TerminationGoldTinTin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                        |                                       |                                                          |                                                           |  |
| Material - Plating MatingGoldMaterial - Plating TerminationTin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                | 5                      |                                       |                                                          |                                                           |  |
| Material - Plating Termination Tin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                        |                                       |                                                          |                                                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |                        |                                       |                                                          |                                                           |  |
| Material - Resin High Temperature Thermoplastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |                        | nination                              |                                                          |                                                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                | Material - Resin       |                                       | High Temperature Thermoplastic                           |                                                           |  |

| Net Weight<br>Number of Rows<br>Orientation<br>PCB Locator<br>PCB Retention<br>PCB Thickness - Recommended<br>Packaging Type<br>Pitch - Mating Interface<br>Plating min - Mating<br>Polarized to PCB<br>Shrouded<br>Stackable<br>Surface Mount Compatible (SMC)<br>Temperature Range - Operating<br>Termination Interface: Style | 1.214/g<br>2<br>Vertical<br>Yes<br>Yes<br>1.60mm<br>Embossed Tape on Reel<br>3.00mm<br>0.381µm<br>Yes<br>Fully<br>No<br>N/A<br>-40°C to +105°C<br>Surface Mount |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Electrical</b><br>Current - Maximum per Contact<br>Voltage - Maximum                                                                                                                                                                                                                                                          | 5.0A<br>600V                                                                                                                                                    |
| Solder Process Data<br>Duration at Max. Process Temperature (seconds)<br>Lead-freeProcess Capability<br>Max. Cycles at Max. Process Temperature<br>Process Temperature max. C                                                                                                                                                    | 030<br>REFLOW<br>003<br>260                                                                                                                                     |
| Material Info                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                 |
| <b>Reference - Drawing Numbers</b><br>Product Specification<br>Sales Drawing<br>Test Summary                                                                                                                                                                                                                                     | PS-43045, RPS-43045-003, RPS-43045-004,<br>TS-43045-001<br>SD-43045-007<br>TS-43045-002                                                                         |

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