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Part Number:       0430450602         Status:       Active         Overview:       Micro-Fit 3.0 <sup>mk</sup> Right Angle Header, 3.00mm Pitch, Dual Row, 6 Circuits, with Snap-in Plastic Peg PCB Lock, Gold, Glow Wire Capable, Black         Documents:       Application Specification AS-43045-001 (PDF)         Red Rodel       Application Specification AS-43045-001 (PDF)         Product Specification CSA       LR19980         UL       E29179         Agency Certification CSA       LR19980         UL       E29179         General Product Family Series       PCB Headers         Application       Power, Wire to-Board         Thigh Temperature (SQUARP Diperature) (SOURT) of a Least 776 deg C per IEC 60065-2-13. and hence complias with the requirements set out in the International Standard IEC 60035-12. and hence complias with the requirements using this product must determine its suitability for use in their particular appliance Questions as described in end-product graphicabe product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product campliance?       Email product compliance Questions of suitability, that higher performance is required, please contact Molex for         Moir Relevant       General (Fe C-Ps-Ps-Th cours complias with the requirements set out in the International Standard IEC 60035-12.1 and neral performance is a described in end-product graphication rhouse bala milar electrical application through testing or other acceptable means as described in end-product graphicable pro	
Overview:       Micro-Fit 3.0 <sup>TM</sup> Connectors         Description:       Micro-Fit 3.0 <sup>TM</sup> Right Angle Header, 3.00mm Pitch, Dual Row, 6 Circuits, with Snap-in Plastic Peg PCB Lock, Gold, Glow Wire Capable, Black         Documents:       3D Model         3D Model       Application Specification AS-43045-001 (PDF) Praving (PDF)         Product Specification PS-43045 (PDF)       Product Literature (PDE)         Agency Certification CSA       LR 19980         UL       E29179         General Product Family Series       Power, Wire-to-Board         Comments       43045         Opwers, Wire-to-Board       Power, Wire-to-Board         Comments       Compliant         BEACT Field Color       Power, Wire-to-Board         Comments       11/16/16/16/16/16/16/16/16/16/16/16/16/1	
Description:       Micro-Fit 3.0 <sup>TW</sup> Right Angle Header, 3.00mm Pitch, Dual Row, 6 Circuits, with Snap-in Plastic Peg PCB Lock, Gold, Glow Wire Capable, Black         Documents:       3D Model         3D Model       Application Specification AS-43045-001 (PDF)         Product Specification PS-43045 (PDF)       Product Literature (PDF)         Agency Certification       E29179         General       Product Family         Product Family       PCB Headers         Application       Power, Wire-to-Board         Comments       43045         Application       Power, Wire-to-Board         Comments       A Glow Wire Ignition Temperature [Square Pin]Solder Type-P>- <p>This and the following ratings, tested by independent agencies:         a) A Glow Wire Igniton Temperature (Square Pin]Solder S-12.a. b) A Glow       Wire Igniton Temperature (GWFI) of at least 775 deg C per IEC 60695-2-13 b) A Glow         Wire Flammability Index (GWFI) above 850 deg C       Batader IncP&gt;-P&gt; The customers using this product appliance?         Email productorompliance @molex.com       Please visit the Contact Us section for any non-product compliance?         Email productompliance @molex.com       Please visit the Contact Us section for any non-product compliance?         Email productompliance @molex.com       Please visit the Contact Us section for any non-product compliance questions.         a) A Glow Wire Britom ratio or suitability for use in thei</p>	
Plastic Peg PCB Lock, Gold, Glow Wire Capable, Black         Documents: 3D Model Drawing (PDF) Product Specification PS-43045 (PDF)         Agency Certification CSA       LR19980         UL       E29179         General Product Family       PCB Headers         43045       Power, Wire-to-Board         Thigh Temperature[Square Pin]Solder Type <p>&gt;This 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 60695-2-13. b) A Glow Wire Flammability Index (GWFT) dot agplicate to theat and fire. <p>&gt;Choise 32 - 32 - 31 - 32 - 32 - 32 - 32 - 32 -</p></p>	
Documents:         3D Model       Application Specification AS-43045-001 (PDF)         Product Specification PS-43045 (PDF)       Application Specification Compliance (PDF)         Agency Certification       Ex19980         CSA       LR19980         UL       E29179         General       Product Family         Product Family       PCB Headers         Asplication       Power, Wire-to-Board         Comments       Power, Wire-to-Board         Molex product is manufactured from material that has the following ratings, tested by independent agencies:       a) A Glow Wire [gnition Temperature] (20VIT) of at leaders         a) A Glow Wire [gnition Temperature] (20VIT) of at leaders       Halogen-Free         Status       Low-Halogen         Wire Flammability Index (GWFI) above 850 deg C       Per IEC 60695-2-12. and hence complies with the requirements set out in the Internitional Standard IEC 60695-2-12. and hence complies with the requirements set out in the internitional Standard IEC 60695-2-12 and hence complies with the contact Us section for any and fire. <p>       China ROHS         Green Image       Series inder Alex-com         application through testing or other acceptable means as described in end-product glow-wire firamability to ruse in their particular application through testing or other acceptable means as described in end-product glow-wire firamability the Contact Us section for any non-product compliance questions.         China</p>	
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3D Model       Application Specification AS-43045-001 (PDF)         Product Specification PS-43045 (PDF)       Product Literature (PDF)         Agency Certification       LR19980         CSA       LR19980         UL       E29179         General       Product Family         Product Family       PCB Headers         Series       43045         Application       Power, Wire-to-Board         "High Temperature[Square Pin]Solder Type-P>-P>This       Mote Report Type-P>-P>This         Mote following ratings, tested by independent agencies:       a) A Glow Wire Ignition Temperature (GWTI) of at least 775 deg C per IEC 60695-2-13. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12. and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition -household and similar electrical appliance?       Email product smoles.com         Places visit the Contact Us section for any applicable in othrough 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 ELV         Motel compliance Questions.       Not Relevant	
Drawing (PDF) Product Specification PS-43045 (PDF)       RoHS Certificate of Compliance (PDF) Product Literature (PDF)       Series image - Reference only         Agency Certification CSA UL       LR19980 E29179       EU ELY       Not Relevant         General Product Family Series       PCB Headers 43045       China RoHS Power, Wire-to-Board       China RoHS Compliant         Application Comments       PCB Headers       China RoHS         Application Comments       PCB Headers       China RoHS         Application Comments       Power, Wire-to-Board       Not Contained Per - ED/21/2016 (20 June 2016)         Halogen-Free Status a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13 b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-13 b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-13 ob A clow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-13 and hence complies with the requirements set out in the International Standard IEC 60335-1 5th 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 end-use standard(S). <p> If it is determined during the customer's evaluation of suitability, that higher</p>	
Product Specification PS-43045 (PDE)       Product Literature (PDF)       Series image - Reference only         Agency Certification CSA       LR19980       E29179       Series image - Reference only         General       Product Family       PCB Headers       43045         Application       Power, Wire-to-Board       Comments       China RoHS         Comments       "High Temperature]Square Pin]Solder Type <p><p>This       EU ELV       Not Contained Per-         ED/21/2016 (20 June 2016)       Jule East 775 deg C per IEC 60695-2-13. b) A Glow       Not Contained Per-         Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-13. b) A Glow       Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-13. b) A Glow         Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-11. and hence complies with the requirements set out in the International Standard IEC 60335-15 th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <p><p> The customers using this product ompliance questions.         Maid fire. <p><p> The customers using this product omust determine this suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire finamability test standard (S). <p> If it is determined during the customer's evaluation of suitability, that higher         Search Parts in this Series       Search Parts in this Series</p></p></p></p></p></p></p>	
Agency Certification       Series image - Reference only         CSA       LR19980         UL       E29179         General       Product Family         Product Family       PCB Headers         Application       Power, Wire-to-Board         Comments       "High Temperature]Square Pin]Solder Type <p><p>This         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 60695-2-12. and hence complies with the requirements set out in the International Standard IEC 60335-1 Sth 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 end-use standard(s). <p> The customer's evaluation of suitability, that higher</p></p></p>	
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UL       E29179       Not Relevant         General Product Family Series       PCB Headers       China RoHS         Application Comments       POWer, Wire-to-Board       REACH SYHC       Not Contained Per - ED/21/2016 (20 June         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 60695-2:13b) A Glow       Halogen-Free Status       Low-Halogen         Low-Halogen       Need more information on product environmental compliance @ molex.com per IEC 60695-2:12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th 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 end-use standard(S). <p> Thi ts determined during the customer's evaluation of suitability, that higher</p>	
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Product Family       PCB Headers         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 the following 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 Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12. and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat an 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-uses standard(IEC 60695-2-11 and any applicable product end-use standard(IEC 60695-2-11 and any applicable product end-use standard IEC 60695-2-11 and any applicable product end-use standard(IS). <p> If it is determined during the customer's evaluation of suitability, that higher</p></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 the following 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       Balogen-Free Status         Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 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(S). <p> If it is determined during the customer's evaluation of suitability, that higher       China ROHS Green Image ELV       Green Image Not Relevant</p></p></p></p></p>	
Application       Power, Wire-to-Board       Not Contained Per -         Comments       "High Temperature Square Pin Solder Type <p><p>This       ED/21/2016 (20 June         Molex product is manufactured from material that has       the following ratings, tested by independent agencies:.       a) A Glow Wire Ignition Temperature (GWIT) of at       ED/21/2016 (20 June         I least 775 deg C per IEC 60695-2-13 b) A Glow       Wire Flammability Index (GWFI) above 850 deg C       Low-Halogen         Wire Flammability Index (GWFI) above 850 deg C       per IEC 60695-2-12. and hence complies with the       Need more information on product         environmental compliance?       Email productcompliance@molex.com         popliances - safety, section 30 Resistance to heat       application through testing or other acceptable means         as described in end-product glow-wire flammability test       Status         LUV       Not Relevant</p></p>	
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the customer's evaluation of suitability, that higher Search Parts in this Series	
performance is required, please contact Molex for possible product options."	
Draduct Literature Order No.	
Product Literature Order No 987650-5984 <u>43025</u> Micro-Fit 3.0 <sup>™</sup> Receptacle Housin	ng
UPC 800754370875	
Bhysical	
Physical No.	
Breakaway     No       Circuits (Loaded)     6	
Circuits (maximum) 6	
Color - Resin Black	
Durability (mating cycles max) 30	
Flammability 94V-0	
Glow-Wire Compliant Yes	
Mated Height 10.29mm	
Material - Metal Brass	
Material - Plating Mating Gold	
Material - Plating Termination Tin	
Material - Resin High Temperature Thermoplastic	
Net Weight     1.106/g	

Number of Rows Orientation PCB Locator PCB Retention PCB Thickness - Recommended Packaging Type Pitch - Mating Interface Plating min - Mating Polarized to PCB Shrouded Stackable Surface Mount Compatible (SMC) Temperature Range - Operating Termination Interface: Style	2 Right Angle Yes Yes 1.60mm Tray 3.00mm 0.762µm Yes Fully No Yes -40°C to +105°C Through Hole
<b>Electrical</b> Current - Maximum per Contact Voltage - Maximum	5.0A 600V
Solder Process Data Duration at Max. Process Temperature (seconds) Lead-freeProcess Capability Max. Cycles at Max. Process Temperature Process Temperature max. C	030 SMC&WAVE 003 260
Material Info	
<b>Reference - Drawing Numbers</b> Application Specification Product Specification Sales Drawing	AS-43045-001 PS-43045 SD-43045-001

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