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Part Number: 0436500316

Status: Active

Overview: Micro-Fit 3.0™ Connectors

Description: Micro-Fit 3.0™ Vertical Header, 3.00mm Pitch, Single Row, 3 Circuits, with PCB

Polarizing Peg, Gold, Glow Wire Capable, Black

Documents:

3D ModelProduct Specification TS-46235-001-001 (PDF)Drawing (PDF)Packaging Specification PK-70873-0811 (PDF)

Product Specification PS-43650 (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification TS-43045-001-001 (PDF)

Product Literature (PDF)

Product Specification TS-43045-002-001 (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>43650</u>

Application Power, Wire-to-Board Comments "High Temperature|So

"High Temperature|Square Pin|Offset Through Hole Mounting|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 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 enduse standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for

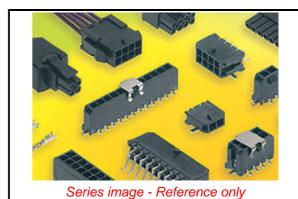
possible product options."

Overview Micro-Fit 3.0™ Connectors

Product Literature Order No 987650-5984
Product Name Micro-Fit 3.0^{TM} UPC 800753787933

Physical

Breakaway No Circuits (Loaded) 3 Circuits (maximum) 3 Color - Resin Black Durability (mating cycles max) 30 Flammability 94V-0 Glow-Wire Compliant Yes Mated Height 17.27mm Material - Metal **Brass** Material - Plating Mating Gold



China RoHS

Not Relevant

EU ELV

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/01/2017 (12

January 2017) Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
Please visit the <u>Contact Us</u> section for any non-product compliance questions.

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

43650 Series

Mates With

43645 Micro-Fit 3.0™ Receptacle Housing

Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 0.595/g Number of Rows Orientation Vertical **PCB** Locator Yes **PCB** Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Tray Pitch - Mating Interface 3.00mm Plating min - Mating 0.381µm Plating min - Termination 2.540µm Polarized to PCB Yes Shrouded Fully Stackable No

Surface Mount Compatible (SMC)

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style Through Hole - Kinked Pin

Electrical

Current - Maximum per Contact 5.0A Voltage - Maximum 600V

Solder Process Data

Duration at Max. Process Temperature (seconds) 030

Lead-freeProcess Capability SMC&WAVE

Max. Cycles at Max. Process Temperature 003
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Packaging Specification PK-70873-0811

Product Specification PS-43650, TS-43045-001-001, TS-43045-002-001,

TS-46235-001-001

Sales Drawing SD-43650-006

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