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Part Number: 0436500616

Status: Active

Overview: Micro-Fit 3.0 Connector System Product Family

Description: Micro-Fit 3.0 Vertical Header, 3.00mm Pitch, Single Row, 6 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 43650

Application Power, Wire-to-Board

Comments

"""""High Temperature|Square Pin|Offset Through
Hole Mounting|Solder Type<P><P>This Molex
product is manufactured from material that has the

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 end-use standard(s). <P> If it is determined during

the customer's evaluation of suitability, that higher

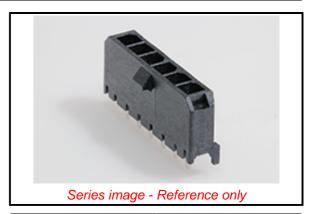
performance is required, please contact Molex for possible product options."""""""

Overview Micro-Fit 3.0 Connector System Product Family

Product Literature Order No 987650-5984
Product Name Micro-Fit 3.0
UPC 800753791824

Physical

Breakaway No Circuits (Loaded) 6 Circuits (maximum) 6 Color - Resin Black Durability (mating cycles max) 30 Flammability 94V-0 Glow-Wire Capable Yes Mated Height 17.27mm Material - Metal **Brass** Material - Plating Mating Gold



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June

2018)

Halogen-Free

Status

Low-Halogen

For more information, please visit Contact US

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

43650 Series

Mates With

Micro-Fit 3.0 Receptacle Housing <u>43645</u>

discontinuous Acceptacle Housing 171850 Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 1.016/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

Temperature Range - Operating -40° to +105°C

Termination Interface: Style Through Hole - Kinked Pin

Electrical

Current - Maximum per Contact 8.5A 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

Surface Mount Compatible (SMC)

Packaging Specification PK-70873-0811

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

Yes

TS-46235-001-001

Sales Drawing SD-43650-006 Symbol/Footprint Data SYM-43650-0615

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