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Part Number: 0430450813

Status: Active

Overview: Micro-Fit 3.0™ Connectors

Description: Micro-Fit 3.0™ Vertical Header, 3.00mm Pitch, Dual Row, 8 Circuits, with PCB

Polarizing Peg, Gold, Glow Wire Capable, Black

Documents:

<u>3D Model</u> <u>Product Specification TS-43045-002-001 (PDF)</u>
<u>Drawing (PDF)</u> <u>Packaging Specification PK-70873-0314 (PDF)</u>

Product Specification PS-43045 (PDF)

RoHS Certificate of Compliance (PDF)

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

Product Literature (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Comments

Product Family PCB Headers

Series <u>43045</u>

Application Power, Wire-to-Board

"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."

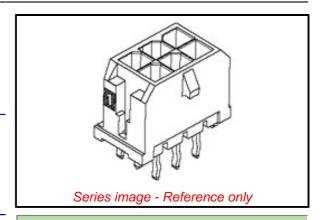
Micro-Fit 3 OTM Connectors

Overview Micro-Fit 3.0™ Connectors

Product Literature Order No 987650-5984
Product Name Micro-Fit 3.0^{TM} UPC 800754371889

Physical

Breakaway No Circuits (Loaded) 8 Circuits (maximum) 8 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



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant

REACH SVHC
Not Contained Per ED/21/2016 (20 June

2016)

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

43045 Series

Mates With

Micro-Fit 3.0™ Receptacle Housing 43025

Material - Resin High Temperature Thermoplastic

Net Weight 1.217/g Number of Rows 2 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 Polarized to PCB Yes Shrouded Fully Stackable No Surface Mount Compatible (SMC) Yes

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-70873-0314

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

Sales Drawing SD-43045-005

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