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Part Number: 0436500305

Status: Active

Overview: Micro-Fit 3.0™ Connectors

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

Press-fit Metal Retention Clip, Gold, Glow Wire Compliant, Black

Documents:

3D Model Test Summary TS-43045-002 (PDF)
Drawing (PDF) RoHS Certificate of Compliance (PDF)

Product Specification PS-43650 (PDF) Product Literature (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>43650</u>

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 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™ Connectors

Product Literature Order No 987650-5984
Product Name Micro-Fit 3.0^{TM} UPC 800753965980

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 6.98mm

Material - Metal Brass
Material - Plating Mating Gold
Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 0.753/g



Series image - Reference only

EU ELV

Not Relevant

EU RoHS China RoHS

Compliant

REACH SVHC
Contains SVHC(2014

December 17): No

Halogen-Free

<u>Status</u>

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 ELV Green Image Not Relevant

Search Parts in this Series

43650 Series

Mates With

43645 Micro-Fit 3.0™ Receptacle Housing

Number of Rows Orientation Right Angle **PCB Locator** Yes **PCB** Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Tray Pitch - Mating Interface 3.00mm Plating min - Mating 0.762µm Plating min - Termination 2.540µm 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

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

Product Specification PS-43650
Sales Drawing SD-43650-002
Test Summary TS-43045-002

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