

This document was generated on 06/13/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 43045-1001

Status: Active

Overview: Micro-Fit 3.0TM Connectors

Description: 3.00mm Pitch Micro-Fit 3.0™ Header, Surface Mount Compatible, Dual Row, Right

Angle, with Snap-in Plastic Peg PCB Lock, 10 Circuits, 0.38µm Gold (Au) Selective

Plating, Glow Wire Compatible

Documents:

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

Product Specification PS-43045 (PDF) Product Literature (PDF)

Test Summary TS-43045-001 (PDF)

Agency Certification

CSA LR19980 TUV R72081037 UL E29179

General

Product Family PCB Headers

Series <u>43045</u>

Application Power, Wire-to-Board Comments "High TemperatureISg

"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

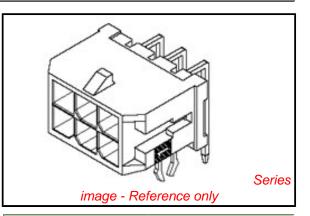
possible product options."

Overview Micro-Fit 3.0™ Connectors

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

Physical

Breakaway No Circuits (Loaded) 10 Circuits (maximum) 10 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



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Reviewed



Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

43045 Series

Mates With 43025

Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Number of Rows 2

Orientation Right Angle

PCB Locator Yes Yes **PCB** Retention 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) Yes

Temperature Range - Operating -40°C to +105°C Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 5A Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 30

Lead-free Process Capability SMC & Wave Capable (TH only)

Max. Cycles at Max. Process Temperature 3
Process Temperature max. C 260

Material Info

UPC 800754372145

Reference - Drawing Numbers

Product Specification PS-43045, RPS-43045-003, RPS-43045-004

Sales Drawing SD-43045-001

Test Summary TS-43045-001, TS-43045-002

This document was generated on 06/13/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION