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Part Number: 43045-0622

Status: Active

Overview: Micro-Fit 3.0™ Connectors

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

Angle, with Press-fit Metal Retention Clip, 6 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 43045

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

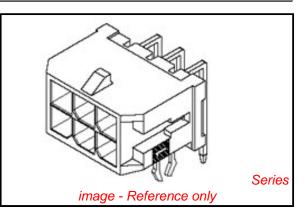
possible product options."

Overview <u>Micro-Fit 3.0™ Connectors</u>

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

#### **Physical**

Breakaway No Circuits (Loaded) 6 Circuits (maximum) 6 Color - Resin Black Durability (mating cycles max) 30 Flammability 94V-0 Glow-Wire Compliant Yes Mated Height 10.06mm Material - Metal **Brass** Material - Plating Mating Gold



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

# China RoHS

## 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 Temperature3Process Temperature max. C260

**Material Info** 

UPC 800753816275

**Reference - Drawing Numbers** 

Product Specification PS-43045, RPS-43045-002, RPS-43045-003,

RPS-43045-004

Sales Drawing SD-43045-008

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

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