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## PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0430450629

Status: **Active** 

Micro-Fit Connector System Overview:

**Description:** Micro-Fit 3.0 Vertical Header, 3.00mm Pitch, Dual Row, 6 Circuits, with PCB Polarizing

Peg, Gold, Glow-Wire Capable, Black

#### **Documents:**

3D Model (PDF) Test Summary TS-43045-002-001 (PDF) Drawing (PDF) Test Summary TS-46235-001-001 (PDF)

Datasheet (PDF) 3D Model

Product Specification PS-43045-001 (PDF) RoHS Certificate of Compliance (PDF)

Packaging Specification PK-70873-0314-001 (PDF) Product Literature (PDF)

Test Summary TS-43045-001-001 (PDF)

## **Agency Certification**

**CSA** UL

#### General

**Product Family** 

Series 3D Viewer Application

**CURRENT-MAX-NUMERIC** 

Comments

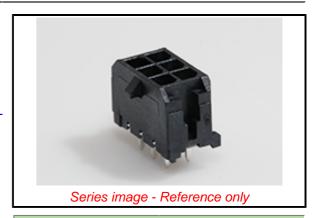
LR19980 E29179

**PCB Headers** 

43045

Power, Wire-to-Board

"This Molex product is manufactured from material that has the followingratings, 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.", "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



# **EU ELV**

**Not Relevant** 

**EU RoHS** 

Compliant

**REACH SVHC** Not Contained Per -ED/88/2018 (15

January 2019)

**Halogen-Free Status** 

Low-Halogen

For more information, please visit Contact US

**China RoHS** 

China ROHS Green Image **ELV** Not Relevant Not Contained RoHS Phthalates

### Search Parts in this Series

43045 Series

#### **Mates With**

Micro-Fit 3.0 Receptacle Housing 43025 <br>Micro-Fit 3.0 TPA Receptacle Housing 172952

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possible product options."

987650-5984 Datasheet Order No

Overview Micro-Fit Connector System

PITCH-MATING-NUMERIC 3.00

Product Literature Order No 987650-5984 Micro-Fit 3.0 **Product Name UPC** 800753816398

**Physical** 

Breakaway No Circuits (Loaded) 6 Circuits (maximum) 6 Color - Resin Black Durability (mating cycles max) 30 Flammability 94V-0 Glow-Wire Capable Yes Lock to Mating Part Yes Mated Height 17.64mm Material - Metal **Brass** Material - Plating Mating Gold Material - Plating Termination

Material - Resin High Temperature Thermoplastic

Net Weight 0.974/gNumber of Rows 2 Orientation Vertical PC Tail Length 3.18mm **PCB** Locator Yes **PCB** Retention None PCB Thickness - Recommended 1.60mm Packaging Type Trav Pitch - Mating Interface 3.00mm Plating min - Mating 0.762µm Polarized to PCB Yes Shrouded Fully Stackable No

Surface Mount Compatible (SMC) Temperature Range - Operating -40° to +105°C Termination Interface: Style Through Hole

**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** 

**Packaging Specification** PK-70873-0314-001 **Product Specification** PS-43045-001 Sales Drawing SD-43045-010 Symbol/Footprint Data SYM-43045-0627

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

TS-46235-001-001

Yes