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Part Number: 0436500503

Status: Active

Overview: Micro-Fit 3.0 Connector System Product Family

**Description:** Micro-Fit 3.0 Right-Angle Header, 3.00mm Pitch, Single Row, 5 Circuits, with PCB

Press-fit Metal Retention Clip, Tin, Glow-Wire Capable, Black

## **Documents:**

Drawing (PDF)

3D Model

Product Specification TS-46235-001-001 (PDF)

Packaging Specification PK-70873-0321-001 (PDF)

Product Specification PS-43650 (PDF)
Product Specification TS-43045-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

Product Specification TS-43045-002-001 (PDF)

Product Literature (PDF)

## **Agency Certification**

CSA UL

#### General

Product Family Series Application Comments LR19980 E29179

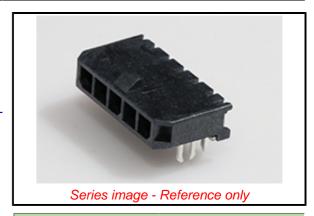
**PCB Headers** 

43650

Power, Wire-to-Board

"""""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 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."""""", """""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 enduse standard(s). <P> If it is determined during the



# 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
ROHS Phthalates Not Contained

# Search Parts in this Series

43650 Series

### **Mates With**

Micro-Fit 3.0 Receptacle Housing <u>43645</u> <br/>br>Micro-Fit 3.0 TPA Receptacle Housing <u>171850</u> customer's evaluation of suitability, that higher performance is required, please contact Molex for

possible product options."""""""

Micro-Fit 3.0 Connector System Product Family Overview

Product Literature Order No 987650-5984 **Product Name** Micro-Fit 3.0 **UPC** 800754951005

**Physical** 

Breakaway No Circuits (Loaded) 5 Circuits (maximum) 5 Color - Resin Black Durability (mating cycles max) 30 Flammability 94V-0 Glow-Wire Capable Yes Mated Height 6.98mm Material - Metal **Brass** Material - Plating Mating Tin Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 1.074/g Number of Rows

Right Angle Orientation **PCB** Locator Yes **PCB** Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Tray Pitch - Mating Interface 3.00mm Plating min - Mating 2.540µm Plating min - Termination 2.540um Polarized to PCB Yes Shrouded Fully Stackable No

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** 

Surface Mount Compatible (SMC)

**Packaging Specification** PK-70873-0321-001

**Product Specification** PS-43650, TS-43045-001-001, TS-43045-002-001,

Yes

TS-46235-001-001 SD-43650-002-000

Sales Drawing Symbol/Footprint Data SYM-43650-0503 **Test Summary** 430450004-TS-000

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