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**Part Number:** 0436500414

Status: **Active** 

Micro-Fit 3.0™ Connectors Overview:

**Description:** Micro-Fit 3.0™ Right Angle Header, 3.00mm Pitch, Single Row, 4 Circuits, with Solder

Tab, Gold, Glow Wire Capable, Black

**Documents:** 

3D Model Product Specification TS-46235-001-001 (PDF) Drawing (PDF) Packaging Specification 708730000-PK-000 (PDF)

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

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

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

## **Agency Certification**

**CSA** LR19980 UL E29179

General

**Product Family PCB Headers** 

Series 43650

Power, Wire-to-Board Application 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."

Tin

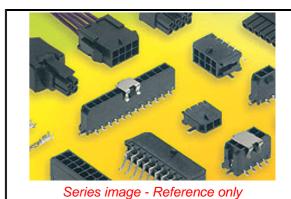
Micro-Fit 3.0™ Connectors Overview

Product Literature Order No 987650-5984 **Product Name** Micro-Fit 3.0™ **UPC** 800753785823

**Physical** 

Material - Plating Termination

Breakaway No Circuits (Loaded) 4 Circuits (maximum) 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



**China RoHS** 

### **EU ELV**

**Not Relevant** 

**EU RoHS** 

Compliant

**REACH SVHC** 

Not Contained Per -ED/01/2017 (12 January 2017)

**Halogen-Free** 

**Status** 

Low-Halogen

**Need more information on product** environmental compliance?

Email productcompliance@molex.com Please visit the Contact Us section for any non-product compliance questions.

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

### Search Parts in this Series

43650 Series

**Mates With** 

43645 Micro-Fit 3.0™ Receptacle Housing

Material - Resin High Temperature Thermoplastic

Net Weight 0.826/g Number of Rows 1

Orientation Right Angle

PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm

Packaging Type Embossed Tape on Reel

Pitch - Mating Interface3.00mmPlating min - Mating0.762μmPlating min - Termination2.540μmPolarized to PCBYesShroudedFullyStackableNo

Temperature Range - Operating -40°C to +105°C Termination Interface: Style Surface Mount

**Electrical** 

Current - Maximum per Contact 5.0A Voltage - Maximum 600V

**Solder Process Data** 

Duration at Max. Process Temperature (seconds)

Lead-freeProcess Capability

Max. Cycles at Max. Process Temperature

003

Process Temperature max. C

260

**Material Info** 

**Reference - Drawing Numbers** 

Packaging Specification 708730000-PK-000

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

TS-46235-001-001

Sales Drawing SD-43650-005

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