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**Part Number:** 0430450614

Status: **Active** 

Micro-Fit 3.0™ Connectors Overview:

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

Polarizing Peg, Gold, Glow Wire Capable, Black

**Documents:** 

3D Model Product Specification TS-46235-001-001 (PDF) Drawing (PDF) Packaging Specification PK-70873-0314 (PDF) RoHS Certificate of Compliance (PDF)

Product Specification PS-43045 (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 43045

Power, Wire-to-Board Application Comments

"High Temperature|Square Pin|Offset Through Hole Mounting|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

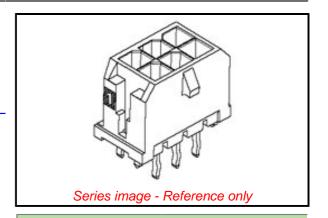
possible product options."

Micro-Fit 3.0™ Connectors Overview

Product Literature Order No 987650-5984 **Product Name** Micro-Fit 3.0™ UPC 800754371254

**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 17.64mm Material - Metal **Brass** Material - Plating Mating Gold



## **EU ELV**

**Not Relevant** 

**EU RoHS China RoHS** 

Compliant

**REACH SVHC** Not Contained Per -ED/21/2016 (20 June

2016)

**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

43045 Series

**Mates With** 

Micro-Fit 3.0™ Receptacle Housing 43025

Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 0.974/gNumber of Rows 2 Orientation Vertical **PCB** Locator Yes PCB Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Tray Pitch - Mating Interface 3.00mm Plating min - Mating 0.762µm 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 - Kinked Pin

**Electrical** 

Current - Maximum per Contact 5.0A 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

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

TS-46235-001-001

Sales Drawing SD-43045-005

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