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**Part Number:** 43650-0315

Status: **Active** 

Micro-Fit 3.0™ Connectors **Overview:** 

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

with PCB Polarizing Peg, 3 Circuits, Tin (Sn) Plating, Glow Wire Compatible

**Documents:** 

RoHS Certificate of Compliance (PDF) 3D Model

Drawing (PDF) Product Literature (PDF)

Product Specification PS-43650 (PDF)

## **Agency Certification**

**CSA** LR19980 TUV R72081037 UL E29179

#### General

**Product Family PCB Headers** 43650 Series

Application Power, Wire-to-Board 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

987650-5984 Micro-Fit 3.0™

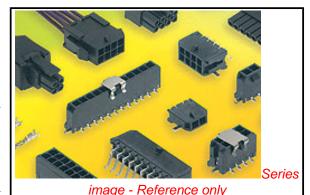
### **Physical**

**Product Name** 

Overview

Product Literature Order No

Breakaway No Circuits (Loaded) 3 Circuits (maximum) 3 Color - Resin Black Durability (mating cycles max) 30 Flammability 94V-0 **Glow-Wire Compliant** Yes Mated Height 17.27mm Material - Metal **Brass** Material - Plating Mating Tin Material - Plating Termination Tin



**EU RoHS ELV and RoHS** Compliant **REACH SVHC Contains SVHC: No Low-Halogen Status** 

Low-Halogen

**China RoHS** 

Need more information on product environmental compliance?

Email productcompliance@molex.com For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

#### Search Parts in this Series

43650Series

### **Mates With**

43645 Micro-Fit 3.0™ Receptacle Housing

Material - Resin High Temperature Thermoplastic

Number of Rows 1

Orientation Vertical **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 2.540µm 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 - Kinked Pin

**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 Temperature 3
Process Temperature max. C 260

**Material Info** 

**Reference - Drawing Numbers** 

Product Specification PS-43650 Sales Drawing SD-43650-006

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