

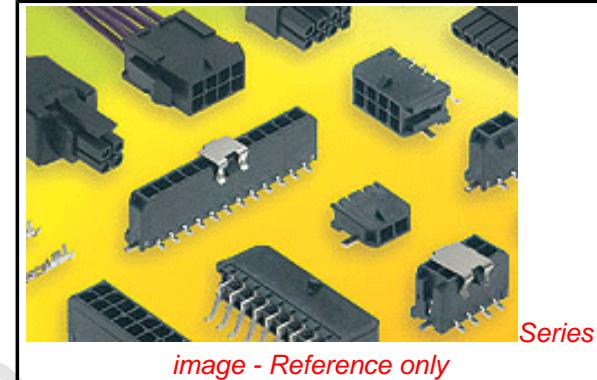
This document was generated on 01/23/2013

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION****Part Number:****43650-1200****Status:****Active****Overview:**

Micro-Fit 3.0™ Connectors

**Description:**

3.00mm Pitch Micro-Fit 3.0™ Header, Surface Mount Compatible, Single Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 12 Circuits, Tin (Sn) Plating, Glow Wire Compatible

**Documents:**[3D Model](#)[Drawing \(PDF\)](#)[Product Specification PS-43650 \(PDF\)](#)[RoHS Certificate of Compliance \(PDF\)](#)[Product Literature \(PDF\)](#)*image - Reference only***Agency Certification**

CSA

TUV

UL

**General**

Product Family

Series

Application

Comments

LR19980  
R72081037  
E29179

PCB Headers

[43650](#)

Power, Wire-to-Board

"High Temperature|Square Pin<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."

[Micro-Fit 3.0™ Connectors](#)

987650-5984

Micro-Fit 3.0™

800753953222

Overview

Product Literature Order No

Product Name

UPC

No

12

12

Black

30

94V-0

Yes

6.98mm

Brass

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](mailto: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 - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	
Number of Rows	1
Orientation	Right Angle
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

### 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-43650-001

This document was generated on 01/23/2013

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