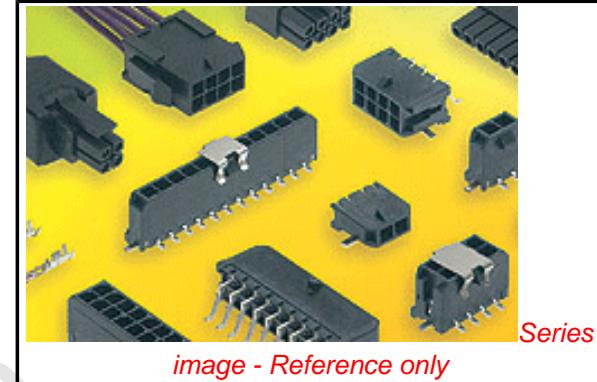


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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**Part Number:****43650-0210****Status:****Active****Overview:****Micro-Fit 3.0™ Connectors****Description:**

3.00mm Pitch Micro-Fit 3.0™ Header, Surface Mount Compatible, Single Row, Right Angle, with PCB Press-fit Metal Retention Clip, 2 Circuits, 0.38µm Gold (Au) Selective Plating, Glow Wire Compatible

Documents:[3D Model](#)[Drawing \(PDF\)](#)[Product Specification PS-43650 \(PDF\)](#)[Test Summary TS-43045-002 \(PDF\)](#)[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|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."

[Micro-Fit 3.0™ Connectors](#)

987650-5984

Micro-Fit 3.0™

800753853201

Overview

Product Literature Order No

Product Name

UPC

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

Mated Height

Material - Metal

Material - Plating Mating

No

2

2

Black

30

94V-0

Yes

6.98mm

Brass

Gold

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.comFor 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
Material - Resin
Net Weight
Number of Rows
Orientation
PCB Locator
PCB Retention
PCB Thickness - Recommended
Packaging Type
Pitch - Mating Interface
Plating min - Mating
Plating min - Termination
Polarized to PCB
Shrouded
Stackable
Temperature Range - Operating
Termination Interface: Style

Tin
High Temperature Thermoplastic
onlinecomponents.com
THE ONLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS
1
Right Angle
Yes
Yes
1.60mm
Embossed Tape on Reel
3.00mm
0.381µm
2.540µm
Yes
Fully
No
-40°C to +105°C
Surface Mount

Electrical

Current - Maximum per Contact
Voltage - Maximum

5A
250V

Solder Process Data

Duration at Max. Process Temperature (seconds)
Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

30
Reflow Capable (SMT only)
3
260

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing
Test Summary

PS-43650
SD-43650-004
TS-43045-002

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