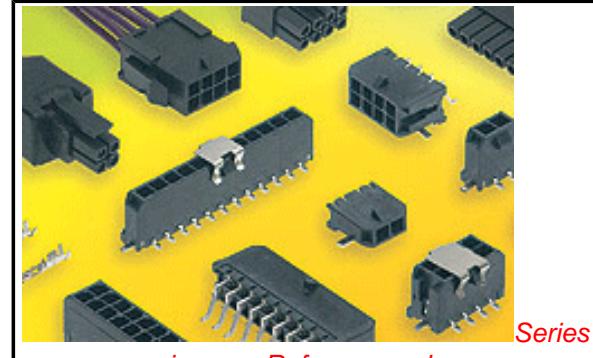


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**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION****Part Number:****43650-0725****Status:****Active****Overview:****Micro-Fit 3.0™ Connectors****Description:**

3.00mm Pitch Micro-Fit 3.0™ Header, Surface Mount Compatible, Single Row, Vertical, with Solder Tab, 7 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™

800753294165

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

Material - Plating Termination

No

7

7

Black

30

94V-0

Yes

17.27mm

Brass

Gold, Tin

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 - Resin	High Temperature Thermoplastic
Net Weight	1.373/g
Number of Rows	onlinecomponents.com
Orientation	THE ONLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS
PCB Locator	Vertical
PCB Retention	Yes
PCB Thickness - Recommended	Yes
Packaging Type	1.60mm
Pitch - Mating Interface	Embossed Tape on Reel
Plating min - Mating	3.00mm
Plating min - Termination	0.381µm
Polarized to PCB	2.540µm
Shrouded	Yes
Stackable	Fully
Temperature Range - Operating	No
Termination Interface: Style	-40°C to +105°C
	Surface Mount

### Electrical

Current - Maximum per Contact	5A
Voltage - Maximum	250V

### Solder Process Data

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	Reflow Capable (SMT 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-43650-009
Test Summary	TS-43045-002

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