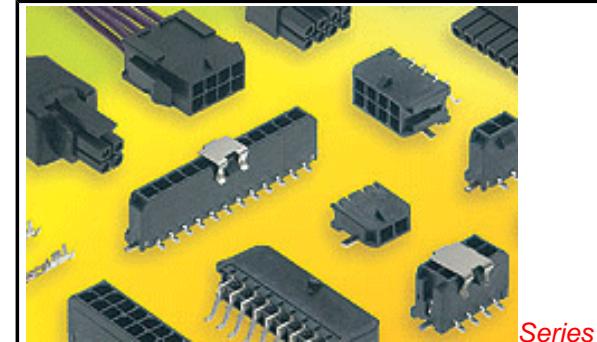


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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**Part Number:** [43650-0924](#)**Status:** **Active****Overview:** Micro-Fit 3.0™ Connectors**Description:** 3.00mm Pitch Micro-Fit 3.0™ Header, Surface Mount Compatible, Single Row, Vertical, with Solder Tab, 9 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
CommentsLR19980
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™

800755956443

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 TerminationNo
9
9
Black
30
94V-0
Yes
17.27mm
Brass
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
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	1.663/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	2.540µm
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

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