

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

**Part Number:**

**0436500200**

**Status:**

**Active**

**Overview:**

Micro-Fit 3.0™ Connectors

**Description:**

Micro-Fit 3.0™ Right Angle Header, 3.00mm Pitch, Single Row, 2 Circuits, with Snap-in Plastic Peg PCB Lock, Tin, Glow Wire Compliant, Black

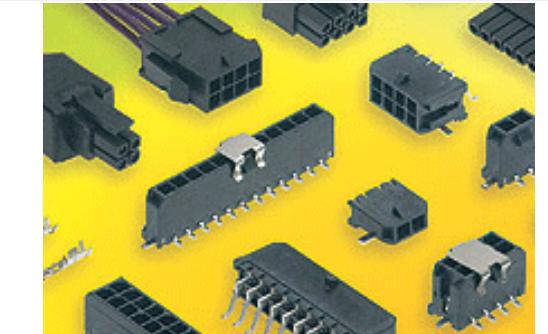
**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)

[Product Specification PS-43650 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)



*Series image - Reference only*

**Agency Certification**

CSA  
TUV  
UL

LR19980  
R72081037  
E29179

**General**

Product Family  
Series  
Application  
Comments

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™

800754366250

Overview

Product Literature Order No

Product Name

UPC

No

2

2

Black

30

94V-0

Yes

6.98mm

Brass

Tin

Tin

High Temperature Thermoplastic

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014

December 17): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**China ROHS**

**ELV**

**Green Image**

**Not Relevant**

**Search Parts in this Series**

[43650 Series](#)

**Mates With**

[43645 Micro-Fit 3.0™ Receptacle Housing](#)

Net Weight	0.505/g
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	5.0A
Voltage - Maximum	600V

#### **Solder Process Data**

Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

#### **Material Info**

##### **Reference - Drawing Numbers**

Product Specification	PS-43650
Sales Drawing	SD-43650-001

This document was generated on 08/03/2015

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