

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0436500412

Status:

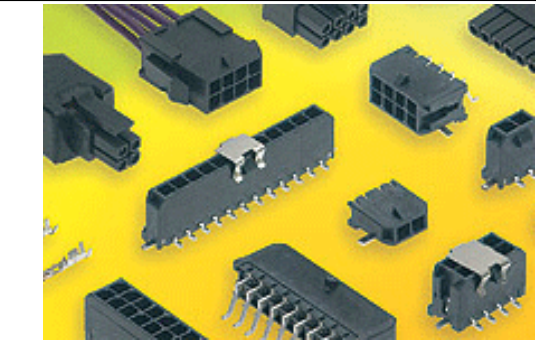
Active

Overview:

Micro-Fit 3.0™ Connectors

Description:

Micro-Fit 3.0™ Right Angle Header, 3.00mm Pitch, Single Row, 4 Circuits, with Solder Tab, Tin, Glow Wire Capable, Black



Series image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-43650 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

| | |
|-----------------------------|---|
| Agency Certification | |
| CSA | LR19980 |
| UL | E29179 |
| General | |
| Product Family | PCB Headers |
| Series | 43650 |
| Application | Power, Wire-to-Board |
| Comments | "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." |
| Overview | Micro-Fit 3.0™ Connectors |
| Product Literature Order No | 987650-5984 |
| Product Name | Micro-Fit 3.0™ |
| UPC | 800754366380 |

| | |
|--------------------------------|--------------------------------|
| Physical | |
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Flammability | 94V-0 |
| Glow-Wire Compliant | Yes |
| Mated Height | 6.98mm |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 0.823/g |

EU ELV
Not Relevant

| | |
|--|------------|
| EU RoHS Compliant REACH SVHC Not Contained Per - ED/21/2016 (20 June 2016) Halogen-Free Status Low-Halogen | China RoHS |
|--|------------|

Need more information on product environmental compliance?

Email 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

| | |
|--|-----------------------|
| Number of Rows | 1 |
| Orientation | Right Angle |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 3.00mm |
| Plating min - Mating | 2.540µm |
| Plating min - Termination | 2.540µm |
| Polarized to PCB | Yes |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Surface Mount |
| Electrical | |
| Current - Maximum per Contact | 5.0A |
| Voltage - Maximum | 600V |
| Solder Process Data | |
| Duration at Max. Process Temperature (seconds) | 030 |
| Lead-freeProcess Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 003 |
| Process Temperature max. C | 260 |
| Material Info | |
| Reference - Drawing Numbers | |
| Product Specification | PS-43650 |
| Sales Drawing | SD-43650-005 |

This document was generated on 07/20/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION