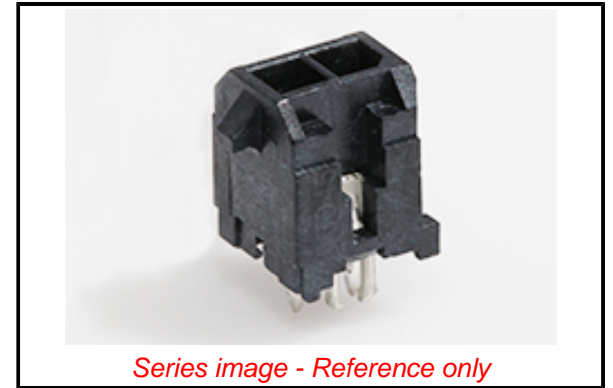


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0430450224](#)  
**Status:** **Active**  
**Overview:** Micro-Fit Connector System  
**Description:** Micro-Fit 3.0 Vertical Header, 3.00mm Pitch, Dual Row, 2 Circuits, with PCB Press-fit Metal Retention Clip, Tin, Glow-Wire Capable, Black

**Documents:**

|   |  |
|---|--|
| <a href="#">Drawing (PDF)</a>                                   | <a href="#">Test Summary TS-43045-001-001 (PDF)</a>  |
| <a href="#">3D Model</a>  | <a href="#">Test Summary TS-46235-001-001 (PDF)</a>  |
| <a href="#">Packaging Specification PK-70873-0314-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Test Summary 430450004-TS-000 (PDF)</a>             | <a href="#">Product Literature (PDF)</a>             |



**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                     |  |
|---------------------|--|
| Product Family      | PCB Headers  |
| Series              | <a href="#">43045</a>  |
| 3D Viewer           | Yes  |
| Application         | Power, Wire-to-Board   |
| CURRENT-MAX-NUMERIC | 8.5  |
| Comments            | <p>High Temperature Square Pin Offset Through Hole Mounting Solder Type&lt;P&gt;&lt;P&gt;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. &lt;P&gt;&lt;P&gt; 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). &lt;P&gt; If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options. High Temperature Square Pin Offset Through Hole Mounting Solder Type&lt;P&gt;&lt;P&gt;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. &lt;P&gt;&lt;P&gt; 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</p> |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per

-ED/88/2018 (15

January 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[43045 Series](#)

**Mates With**

Micro-Fit 3.0 Receptacle Housing [43025](#)  
 <br>Micro-Fit 3.0 Cable Assembly [245132](#)  
 <br>Micro-Fit 3.0 TPA Receptacle Housing [172952](#)

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 Connector System  
3.00  
987650-5984  
Micro-Fit 3.0  
800753808706

**Physical**

Breakaway No  
Circuits (Loaded) 2  
Circuits (maximum) 2  
Color - Resin Black  
Durability (mating cycles max) 30  
Flammability 94V-0  
Glow-Wire Capable Yes  
Mated Height 17.64mm  
Material - Metal Brass  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 0.586g  
Number of Rows 2  
Orientation Vertical  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.60mm  
Packaging Type Tray  
Pitch - Mating Interface 3.00mm  
Plating min - Mating 0.254µm  
Polarized to PCB Yes  
Shrouded Fully  
Stackable No  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -40° to +105°C  
Termination Interface: Style Through Hole - Kinked Pin

**Electrical**

Current - Maximum per Contact 8.5A  
Voltage - Maximum 600V

**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-70873-0314-001  
Sales Drawing SD-43045-009  
Symbol/Footprint Data SYM-43045-0224  
Test Summary 430450004-TS-000, TS-43045-001-001,  
TS-46235-001-001

This document was generated on 07/29/2019

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