

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0430450610

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit 3.0 Right-Angle Header, 3.00mm Pitch, Dual Row, 6 Circuits, with Solder Tab, Gold, Glow-Wire Capable, Black

Documents:

- Drawing (PDF)

3D Model

Packaging Specification 430450001-PK-000 (PDF)

Test Summary TS-43045-001-001 (PDF)
- Test Summary TS-43045-002-001 (PDF)

Test Summary TS-46235-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

3D Viewer

Application

CURRENT-MAX-NUMERIC

Comments

PCB Headers

43045

Yes

Power, Wire-to-Board

8.5

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. , 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-



Series image - Reference only

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

43045 Series

Mates With

Micro-Fit 3.0 Receptacle Housing [43025](#)

Micro-Fit 3.0 TPA Receptacle Housing
[172952](#)

| | |
|--|--|
| Overview | 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. """""""" |
| PITCH-MATING-NUMERIC | <u>Micro-Fit Connector System</u> |
| Product Literature Order No | 3.00 |
| Product Name | 987650-5984 |
| UPC | Micro-Fit 3.0 |
| | 800754250054 |
| Physical | |
| Breakaway | No |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Flammability | 94V-0 |
| Glow-Wire Capable | Yes |
| Mated Height | 10.29mm |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 1.124/g |
| Number of Rows | 2 |
| 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 | 0.381µm |
| Polarized to PCB | Yes |
| Shrouded | Fully |
| Stackable | No |
| Surface Mount Compatible (SMC) | N/A |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Surface Mount |
| Electrical | |
| Current - Maximum per Contact | 8.5A |
| 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 | |
| Packaging Specification | 430450001-PK-000 |
| Sales Drawing | SD-43045-004-000 |
| Symbol/Footprint Data | SYM-43045-0609 |
| Test Summary | TS-43045-001-001, TS-43045-002-001, TS-46235-001-001 |

This document was generated on 07/29/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION