

This document was generated on 03/14/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0430452028

Status: Active

Overview: Micro-Fit 3.0 Connector System Product Family

Description: Micro-Fit 3.0 Vertical Header, 3.00mm Pitch, Dual Row, 20 Circuits, with PCB

Polarizing Peg, Gold, Glow-Wire Capable, Black

Documents:

Drawing (PDF)Product Specification TS-43045-002-001 (PDF)3D ModelProduct Specification TS-46235-001-001 (PDF)Product Specification PS-43045 (PDF)Packaging Specification PK-70873-0314-001 (PDF)

Product Specification PS-43045-001 (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification TS-43045-001-001 (PDF)

Product Literature (PDF)

Agency Certification

CSA UL

General

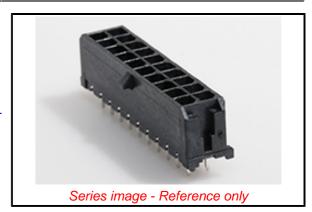
Product Family Series Application Comments LR19980 E29179

PCB Headers

<u>43045</u>

Power, Wire-to-Board

""""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.""""", """""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.""""""



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 Green Image
ELV Not Relevant
ROHS Phthalates Not Contained

Search Parts in this Series

43045 Series

Mates With

Micro-Fit 3.0 Receptacle Housing <u>43025</u>
br>Micro-Fit 3.0 TPA Receptacle Housing <u>172952</u> Overview Micro-Fit 3.0 Connector System Product Family

Product Literature Order No 987650-5984
Product Name Micro-Fit 3.0
UPC 800753841819

Physical

Breakaway No Circuits (Loaded) 20 Circuits (maximum) 20 Color - Resin Black Durability (mating cycles max) 30 Flammability 94V-0 Glow-Wire Capable Yes Lock to Mating Part Yes Mated Height 17.64mm Material - Metal **Brass** Material - Plating Mating Gold Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 2.677/g Number of Rows Orientation Vertical PC Tail Length 3.18mm **PCB** Locator Yes **PCB** Retention None PCB Thickness - Recommended 1.60mm Packaging Type Tray Pitch - Mating Interface 3.00mm Plating min - Mating 0.381µm 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

Electrical

Current - Maximum per Contact 8.5A 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

Packaging Specification PK-70873-0314-001

Product Specification PS-43045, PS-43045-001, TS-43045-001-001,

TS-43045-002-001, TS-46235-001-001

Sales Drawing SD-43045-010

This document was generated on 03/14/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION