

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0430451021

Status:

Active

Overview:

Micro-Fit 3.0 Connector System Product Family

Description:

Micro-Fit 3.0 Right-Angle Header, 3.00mm Pitch, Dual Row, 10 Circuits, with PCB Press-fit Metal Retention Clip, Tin, Glow-Wire Capable, Black

Documents:

- Drawing (PDF)

3D Model

Product Specification PS-43045 (PDF)

Product Specification PS-43045-001 (PDF)

Product Specification TS-43045-001-001 (PDF)
- Product Specification TS-46235-001-001 (PDF)

Packaging Specification PK-70873-0313-001 (PDF)

Test Summary 430450004-TS-000 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

PCB Headers

43045

Power, Wire-to-Board

High Temperature|Square Pin|Solder

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

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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 Cable Assembly [245132](#)

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

Overview

Product Literature Order No

Product Name

UPC

customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options. """"""""
Micro-Fit 3.0 Connector System Product Family
987650-5984
Micro-Fit 3.0
800753826298

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Capable

Mated Height

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No
10
10
Black
30
94V-0
Yes
10.06mm
Brass
Tin
Tin
High Temperature Thermoplastic
1.759/g
2
Right Angle
Yes
Yes
1.60mm
Tray
3.00mm
0.254µm
Yes
Fully
No
Yes
-40° to +105°C
Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

8.5A
600V

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-freeProcess Capability

Max. Cycles at Max. Process Temperature

Process Temperature max. C

030
SMC&WAVE
003
260

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Symbol/Footprint Data

Test Summary

PK-70873-0313-001
PS-43045, PS-43045-001, TS-43045-001-001,
TS-46235-001-001
SD-43045-008-000
SYM-43045-1021, SYM-43045-1021_3
430450004-TS-000