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Part Number:

0430451428

Status:

Active

Overview:

Micro-Fit 3.0 Connector System Product Family

Description:

Micro-Fit 3.0 Vertical Header, 3.00mm Pitch, Dual Row, 14 Circuits, with PCB Polarizing Peg, Gold, 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-43045-002-001 \(PDF\)](#)

[Product Specification TS-46235-001-001 \(PDF\)](#)

[Packaging Specification PK-70873-0314-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)



Series image - Reference only

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

PCB Headers

43045

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

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
Product Literature Order No
Product Name
UPC

Micro-Fit 3.0 Connector System Product Family
987650-5984
Micro-Fit 3.0
800753834187

Physical

Breakaway
Circuits (Loaded)
Circuits (maximum)
Color - Resin
Durability (mating cycles max)
Flammability
Glow-Wire Capable
Lock to Mating Part
Mated Height
Material - Metal
Material - Plating Mating
Material - Plating Termination
Material - Resin
Net Weight
Number of Rows
Orientation
PC Tail Length
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
14
14
Black
30
94V-0
Yes
Yes
17.64mm
Brass
Gold
Tin
High Temperature Thermoplastic
1.930/g
2
Vertical
3.18mm
Yes
None
1.60mm
Tray
3.00mm
0.381µm
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

PK-70873-0314-001
PS-43045, PS-43045-001, TS-43045-001-001,
TS-43045-002-001, TS-46235-001-001
SD-43045-010
SYM-43045-1427

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