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Part Number: 0430451000

Status: Active

Overview: Micro-Fit Connector System

Description: Micro-Fit 3.0 Right-Angle Header, 3.00mm Pitch, Dual Row, 10 Circuits, with Snap-in

Plastic Peg PCB Lock, Tin, Glow-Wire Capable, Black

Documents:

Drawing (PDF)

3D Model
Product Specification PS-43045 (PDF)

Test Summary TS-43045-001-001 (PDF)
Test Summary TS-46235-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

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

Test Summary 430450004-TS-000 (PDF)

Agency Certification

CSA LR19980 UL E29179

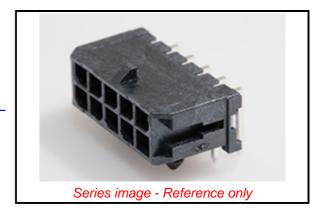
General

Comments

Product Family PCB Headers
Series 43045
3D Viewer Yes
Application Power, Wire-to-Board
CURRENT-MAX-NUMERIC 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 glowwire 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



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant

REACH SVHC

Not Contained Per -ED/71/2019 (16 July

2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit Contact US

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>

- Assembly <u>245132</u>

- Assembly <u>245132</u>

- Assembly <u>245132</u>

- Assembly <u>245132</u>

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.

Overview Micro-Fit Connector System

PITCH-MATING-NUMERIC 3.00

Product Literature Order No 987650-5984 Micro-Fit 3.0 **Product Name UPC** 800754372121

Physical

Breakaway No Circuits (Loaded) 10 Circuits (maximum) 10 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 Tin Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 1.677/g Number of Rows

Orientation Right Angle

Yes **PCB** Locator **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

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-70873-0313-001

Product Specification PS-43045 Sales Drawing SD-43045-001 Symbol/Footprint Data SYM-43045-1000

Test Summary 430450004-TS-000, TS-43045-001-001,

TS-46235-001-001

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