

This document was generated on 09/25/2019

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Part Number: 0430452400

Status: Active

Overview: Micro-Fit Connector System

Description: Micro-Fit 3.0 Right-Angle Header, 3.00mm Pitch, Dual Row, 24 Circuits, with Snap-in

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

**Documents:** 

3D ModelTest Summary TS-43045-001-001 (PDF)Drawing (PDF)Test Summary TS-46235-001-001 (PDF)Product Specification PS-43045 (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

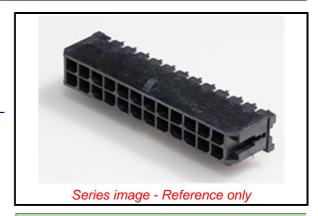
Product Family PCB Headers
Series 43045
3D Viewer Yes
Application Power, Wire-to-Board
CURRENT-MAX-NUMERIC 8.5

Comments

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 enduse 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

"""""High Temperature|Square Pin|Solder



### **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> <br/>
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possible product options.""""""

Overview <u>Micro-Fit Connector System</u>

PITCH-MATING-NUMERIC 3.00

Product Literature Order No 987650-5984
Product Name Micro-Fit 3.0
UPC 800753683310

**Physical** 

Breakaway No Circuits (Loaded) 24 Circuits (maximum) 24 Color - Resin Black Durability (mating cycles max) 30 94V-0 Flammability Glow-Wire Capable Yes Mated Height 10.29mm Material - Metal **Brass** Material - Plating Mating Tin Material - Plating Termination

Material - Resin High Temperature Thermoplastic

Net Weight 3.643/g Number of Rows 2

Orientation Right Angle

**PCB** Locator Yes **PCB** Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Trav 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-43045-2400

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

TS-46235-001-001