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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 Model (PDF)
 Test Summary 430450004-TS-000 (PDF)

 3D Model
 Test Summary TS-43045-001-001 (PDF)

 Drawing (PDF)
 Test Summary TS-46235-001-001 (PDF)

Product Specification PS-43045-001 (PDF)

Datasheet (PDF)

Application Specification AS-43045-001-001 (PDF) Symbol Footprint Data SYM-43045-2400 (PDF)

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

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>43045</u>

Application Power, Wire-to-Board

Comments """""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 enduse standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for

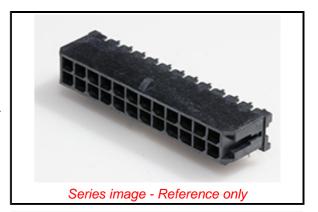
possible product options."""""""

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

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 Flammability 94V-0 Glow-Wire Capable Yes Mated Height 10.29mm Material - Metal **Brass** Material - Plating Mating Tin



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant

REACH SVHC

Not Contained Per -ECHA_01_2020 (16 January 2020

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>

diraceptacle Housing 172952 Material - Plating Termination Tin

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 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

Application Specification

Packaging Specification

Product Specification

Sales Drawing

Symbol/Footprint Data

AS-43045-001-001

PK-70873-0313-001

PS-43045-001

SD-43045-001

SYM-43045-2400

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

TS-46235-001-001

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