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Part Number: 0436500200

Status: **Active**

Micro-Fit Connector System Overview:

Description: Micro-Fit 3.0 Right-Angle Header, 3.00mm Pitch, Single Row, 2 Circuits, with Snap-in

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

Documents:

3D Model (PDF) Test Summary TS-43045-001-001 (PDF) 3D Model Test Summary TS-43045-002-001 (PDF) Test Summary TS-46235-001-001 (PDF) Drawing (PDF)

Product Specification PS-43650 (PDF) Datasheet (PDF)

Packaging Specification PK-70873-0321-001 (PDF) RoHS Certificate of Compliance (PDF)

Test Summary 430450004-TS-000 (PDF) Product Literature (PDF)

Test Summary 430450005-TS-000 (PDF)

Agency Certification

CSA UL E29179

General

Product Family Series Application Comments

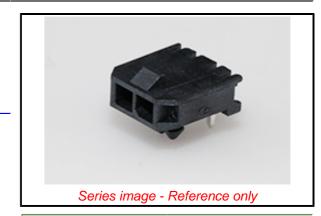
LR19980

PCB Headers

43650

Power, Wire-to-Board """""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.""""", """""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



EU ELV

Not Relevant

China RoHS EU 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 Not Contained RoHS Phthalates

Search Parts in this Series

43650 Series

Mates With

Micro-Fit 3.0 Receptacle Housing 43645

dicro-Fit 3.0 TPA Receptacle Housing 171850

hr>Micro-Fit TPA Cable Assembly 145132

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 800754366250

Physical

Breakaway No Circuits (Loaded) 2 Circuits (maximum) Color - Resin Black Durability (mating cycles max) 30 Flammability 94V-0 Glow-Wire Capable Yes Mated Height 6.98mm Material - Metal **Brass** Material - Plating Mating Tin Material - Plating Termination

Material - Resin High Temperature Thermoplastic

Net Weight 0.505/g Number of Rows 1

Right Angle Orientation **PCB** Locator Yes Yes PCB Retention PCB Thickness - Recommended 1.60mm Packaging Type Tray Pitch - Mating Interface 3.00mm Plating min - Mating 2.540um Plating min - Termination 2.540µm 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-70873-0321-001

Product Specification PS-43650

Sales Drawing SD-43650-001-000 Symbol/Footprint Data SYM-43650-0200

Test Summary 430450004-TS-000, 430450005-TS-000,

TS-43045-001-001, TS-43045-002-001,

TS-46235-001-001

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