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Part Number: 0436500214

Status: Active

Overview: Micro-Fit Connector System

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

Tab, Gold, Glow-Wire Capable, Black

Documents:

Drawing (PDF)
3D Model
Product Specification PS-43650 (PDF)
Packaging Specification 436500001-PK-000 (PDF)

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

Packaging Specification 708730000-PK-000 (PDF)

Product Literature (PDF)

Agency Certification

CSA LF

General

Product Family Series 3D Viewer Application

CURRENT-MAX-NUMERIC

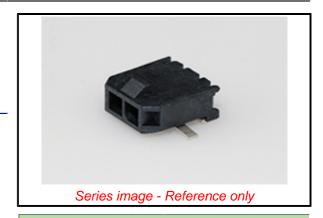
Comments

LR19980 E29179

PCB Headers
43650
Yes
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

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

43650 Series

Mates With

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>

PITCH-MATING-NUMERIC 3.00

Product Literature Order No 987650-5984
Product Name Micro-Fit 3.0
UPC 800753853225

Physical

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

Material - Resin High Temperature Thermoplastic

Net Weight 0.557/g Number of Rows 1

Orientation Right Angle

PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm

Packaging Type Embossed Tape on Reel

Pitch - Mating Interface 3.00mm
Plating min - Mating 0.762µm
Plating min - Termination 2.540µm
Polarized to PCB Yes
Shrouded Fully
Stackable No

Temperature Range - Operating -40° to +105°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 8.5A Voltage - Maximum 600V

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-freeProcess Capability

Max. Cycles at Max. Process Temperature

003

Process Temperature max. C

260

Material Info

Reference - Drawing Numbers

Packaging Specification 436500001-PK-000, 708730000-PK-000

Product Specification PS-43650

Sales Drawing SD-43650-005-001 Symbol/Footprint Data SYM-43650-0212

Test Summary TS-43045-001-001, TS-43045-002-001,

TS-46235-001-001

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