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Part Number: 0436500600

Status: Active

Overview: Micro-Fit Connector System

Description: Micro-Fit 3.0 Right-Angle Header, 3.00mm Pitch, Single Row, 6 Circuits, with Snap-in

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

Documents:

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

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

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

 Product Specification 436500001-PS-JA-000 (PDF)
 Test Summary TS-46235-001-001 (PDF)

Product Specification 436500001-PS-KO-000 (PDF)

Datasheet (PDF)

Product Specification 436500001-PS-SP-000 (PDF)

Product Specification PS-43650-001 (PDF)
Packaging Specification PK-70873-0321-001 (PDF)

Symbol Footprint Data SYM-43650-0600 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers Series 43650

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

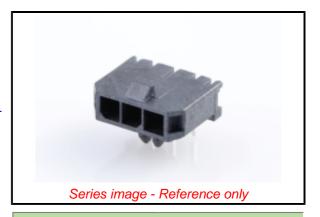
possible product options.""""""

Overview Micro-Fit Connector System
Product Name Micro-Fit 3.0

UPC Micro-Fit 3.0 Wicro-Fit 3.0 800754366458

Physical

Breakaway No Circuits (Loaded) 6 Circuits (maximum) 6 Color - Resin Black Durability (mating cycles max) 30 Flammability 94V-0 Glow-Wire Capable Yes Mated Height 6.98mm



EU ELV

Not Relevant

EU RoHS China RoHS

CompliantREACH SVHC

Not Contained Per - D(2020)9139-DC (19

Jan 2021)

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

Material - MetalBrassMaterial - Plating MatingTinMaterial - Plating TerminationTin

Material - Resin High Temperature Thermoplastic

Net Weight 1.146/g Number of Rows 1

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 2.540µm Plating min - Termination 2.540µm

Plating min - Termination 2.540
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 436500001-PS-JA-000, 436500001-PS-KO-000,

436500001-PS-SP-000, PS-43650-001

Sales Drawing SD-43650-001-000 Symbol/Footprint Data SYM-43650-0600

Test Summary 430450004-TS-000, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001

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