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Part Number: 0436500310

Status: Active

Overview: Micro-Fit Connector System

Description: Micro-Fit 3.0 Right-Angle Header, 3.00mm Pitch, Single Row, 3 Circuits, with PCB

Press-fit Metal Retention Clip, Gold, Glow-Wire Capable, Black

**Documents:** 

 3D Model (PDF)
 Test Summary 430450006-TS-000 (PDF)

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

 Drawing (PDF)
 Test Summary TS-43045-002-001 (PDF)

 Product Specification PS-43650 (PDF)
 Test Summary TS-46235-001-001 (PDF)

Packaging Specification 436500001-PK-000 (PDF)

Datasheet (PDF)

Packaging Specification 708730000-PK-000 (PDF)

RoHS Certificate of Compliance (PDF)

**Agency Certification** 

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>43650</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.""""""

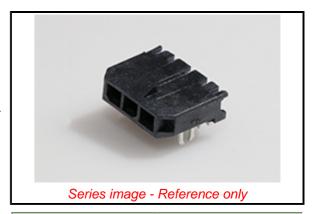
Overview <u>Micro-Fit Connector System</u>

Product Name Micro-Fit 3.0 UPC 800753787094

**Physical** 

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Breakaway No Circuits (Loaded) 3 Circuits (maximum) 3 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 Gold



# **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

43650 Series

#### **Mates With**

Micro-Fit 3.0 Receptacle Housing <u>43645</u> <br/>
<br/>
<br/>
<br/>
<br/>
discontinuous Acceptacle Housing 171850

Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 0.684/g Number of Rows 1

Orientation Right Angle PCB Locator Yes

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 0.381µm
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-43650-004-000 Symbol/Footprint Data SYM-43650-0309

Test Summary 430450006-TS-000, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001

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