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## PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0436500613

Status: Active

Overview: Micro-Fit Connector System

Description: Micro-Fit 3.0 Right-Angle Header, 3.00mm Pitch, Single Row, 6 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)
Packaging Specification 436500001-PK-000 (PDF)
RoHS Certificate of Compliance (PDF)

Packaging Specification 708730000-PK-000 (PDF) Product Literature (PDF)

### **Agency Certification**

CSA UL

#### General

Product Family Series 3D Viewer Application

**CURRENT-MAX-NUMERIC** 

Comments

LR19980 E29179

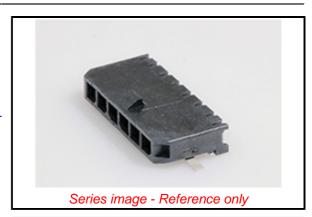
PCB Headers
43650
Yes
Power, Wire-to-Board

3.5

"""""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

end-product glow-wire flammability test standard



## EU ELV

**Not Relevant** 

EU 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** 

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 800754250115

**Physical** 

Breakaway No Circuits (Loaded) 6 Circuits (maximum) 6 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 1.098/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 0.381µm
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-43650-005-001 Symbol/Footprint Data SYM-43650-0612

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

TS-46235-001-001

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**Authorized Distributor** 

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Molex:

43650-0613