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Part Number:

0436500605

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit 3.0 Right-Angle Header, 3.00mm Pitch, Single Row, 6 Circuits, with PCB Press-fit Metal Retention Clip, Gold, Glow-Wire Capable, Black

Documents:

- 3D Model (PDF)

3D Model
- Drawing (PDF)

3D Model
- Product Specification PS-43650 (PDF)

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- Packaging Specification PK-70873-0321-001 (PDF)

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- Test Summary 430450006-TS-000 (PDF)

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

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

Test Summary TS-43045-002-001 (PDF)
- Test Summary TS-46235-001-001 (PDF)

Test Summary TS-46235-001-001 (PDF)
- Datasheet (PDF)

Datasheet (PDF)
- RoHS Certificate of Compliance (PDF)

RoHS Certificate of Compliance (PDF)
- Product Literature (PDF)

Product Literature (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 end-use 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 IEC 60695-2-11 and any applicable product end-use 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

800754649032

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

Material - Metal

Brass

Material - Plating Mating

Gold



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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 [43645](#)

Micro-Fit 3.0 TPA Receptacle Housing [171850](#)

Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.232/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	0.762μm
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-43650-002-000
Symbol/Footprint Data	SYM-43650-0603
Test Summary	430450006-TS-000, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001

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