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Part Number:

0436501221

Status:

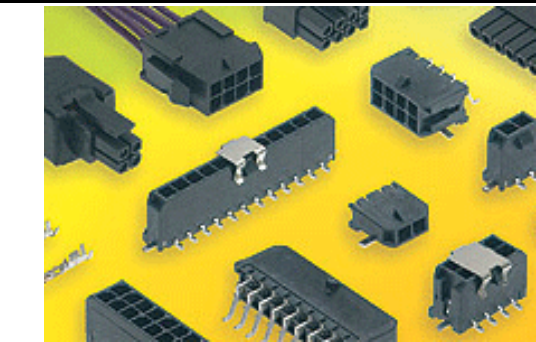
Active

Overview:

Micro-Fit 3.0 Connector System Product Family

Description:

Micro-Fit 3.0 Vertical Header, 3.00mm Pitch, Single Row, 12 Circuits, with PCB Press-fit Metal Retention Clip, Tin, Glow Wire Capable, Black



Series image - Reference only

Documents:

- 3D Model

Packaging Specification 436500002-PK-000 (PDF)
- Drawing (PDF)

Packaging Specification 708730000-PK-000 (PDF)
- Product Specification PS-43650 (PDF)

Test Summary 430450004-TS-000 (PDF)
- Product Specification TS-43045-001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification TS-43045-002-001 (PDF)

Product Literature (PDF)
- Product Specification TS-46235-001-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

43650

Application

Power, Wire-to-Board

Comments

High Temperature|Square Pin<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 3.0 Connector System Product Family

Product Literature Order No

987650-5984

Product Name

Micro-Fit 3.0

UPC

800754831673

Physical

Breakaway

No

Circuits (Loaded)

12

Circuits (maximum)

12

Color - Resin

Black

Durability (mating cycles max)

30

Flammability

94V-0

Glow-Wire Capable

Yes

Mated Height

17.27mm

Material - Metal

Brass

Material - Plating Mating

Tin

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

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	2.078/g
Number of Rows	1
Orientation	Vertical
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	2.540μm
Plating min - Termination	2.540μm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C 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)	030
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	436500002-PK-000, 708730000-PK-000
Product Specification	PS-43650, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001
Sales Drawing	SD-43650-008
Test Summary	430450004-TS-000

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