

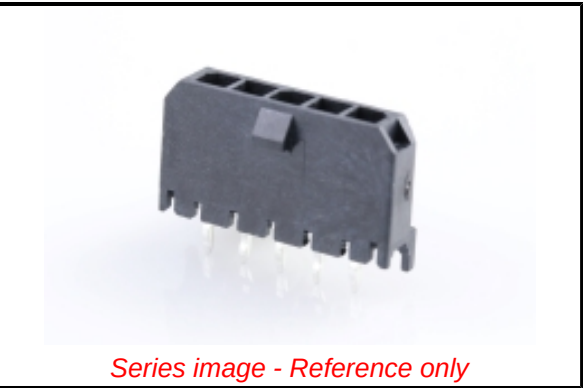
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Part Number: 0436500515

Status: Active

Overview: Micro-Fit Connector System

Description: Micro-Fit 3.0 Vertical Header, 3.00mm Pitch, Single Row, 5 Circuits, with PCB Polarizing Peg, Tin, Glow-Wire Capable, Black



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- 3D Model (PDF)
- Product Specification 436500001-PS-JA-000 (PDF)
- Product Specification 436500001-PS-KO-000 (PDF)
- Product Specification 436500001-PS-SP-000 (PDF)
- Product Specification PS-43650-001 (PDF)
- Packaging Specification PK-70873-0811-001 (PDF)
- Test Summary 430450004-TS-000 (PDF)
- Test Summary TS-43045-001-001 (PDF)
- Test Summary TS-43045-002-001 (PDF)
- Test Summary TS-46235-001-001 (PDF)
- Datasheet (PDF)
- Symbol Footprint Data SYM-43650-0515-001 (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|Offset Through Hole Mounting|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 800755008401

Physical

Breakaway No
Circuits (Loaded) 5
Circuits (maximum) 5
Color - Resin Black
Durability (mating cycles max) 30
Flammability 94V-0
Glow-Wire Capable Yes
Mated Height 17.27mm

EU ELV

Not Relevant

EU RoHS

Compliant

REACH 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

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
Micro-Fit TPA Cable Assembly
145132
Micro-Fit 3.0 Cable Assembly
2147501051 , 2147501052 , 2147501053 ,
2147511051 , 2147511052 , 2147511053

Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.870/g
Number of Rows	1
Orientation	Vertical
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
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 - Kinked Pin
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-70873-0811-001
Product Specification	436500001-PS-JA-000, 436500001-PS-KO-000, 436500001-PS-SP-000, PS-43650-001
Sales Drawing	SD-43650-006-001
Symbol/Footprint Data	SYM-43650-0515-001
Test Summary	430450004-TS-000, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001

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