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Part Number: [0436500920](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: Micro-Fit 3.0 Vertical Header, 3.00mm Pitch, Single Row, 9 Circuits, with PCB Press-fit Metal Retention Clip, Gold, Glow-Wire Capable, Black

Documents:

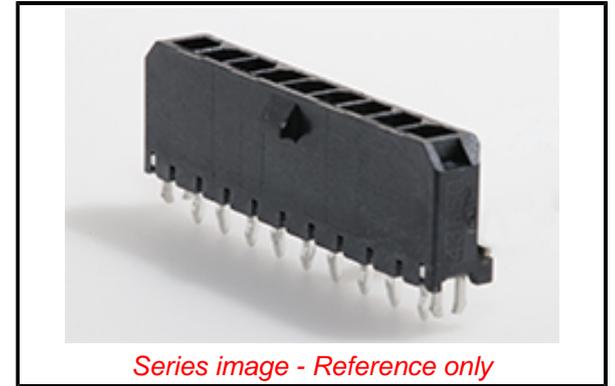
| | |
|---|--|
| Drawing (PDF) | Test Summary TS-43045-002-001 (PDF) |
| 3D Model | Test Summary TS-46235-001-001 (PDF) |
| Product Specification PS-43650 (PDF) | RoHS Certificate of Compliance (PDF) |
| Packaging Specification PK-70873-0811-001 (PDF) | Product Literature (PDF) |
| Test Summary TS-43045-001-001 (PDF) | |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|---------------------|---|
| Product Family | PCB Headers |
| Series | 43650 |
| 3D Viewer | Yes |
| Application | Power, Wire-to-Board |
| CURRENT-MAX-NUMERIC | 8.5 |
| Comments | <p>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. 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</p> |



Series image - Reference only

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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](#)

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|---|
| 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 |
| PITCH-MATING-NUMERIC |
| Product Literature Order No |
| Product Name |
| UPC |
| Physical |
| Breakaway |
| Circuits (Loaded) |
| Circuits (maximum) |
| Color - Resin |
| Durability (mating cycles max) |
| Flammability |
| Glow-Wire Capable |
| Mated Height |
| Material - Metal |
| Material - Plating Mating |
| Material - Plating Termination |
| Material - Resin |
| Net Weight |
| Number of Rows |
| Orientation |
| PCB Locator |
| PCB Retention |
| PCB Thickness - Recommended |
| Packaging Type |
| Pitch - Mating Interface |
| Plating min - Mating |
| Plating min - Termination |
| Polarized to PCB |
| Shrouded |
| Stackable |
| Surface Mount Compatible (SMC) |
| Temperature Range - Operating |
| Termination Interface: Style |
| Electrical |
| Current - Maximum per Contact |
| Voltage - Maximum |
| Solder Process Data |
| Duration at Max. Process Temperature (seconds) |
| Lead-freeProcess Capability |
| Max. Cycles at Max. Process Temperature |
| Process Temperature max. C |
| Material Info |
| Reference - Drawing Numbers |
| Packaging Specification |
| Product Specification |
| Sales Drawing |
| Symbol/Footprint Data |
| Test Summary |

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. """"""""

Micro-Fit Connector System

3.00
987650-5984
Micro-Fit 3.0
800754827997

No
9
9
Black
30
94V-0
Yes
17.27mm
Brass
Gold
Tin
High Temperature Thermoplastic
1.543/g
1
Vertical
Yes
Yes
1.60mm
Tray
3.00mm
0.762µm
2.540µm
Yes
Fully
No
Yes
-40° to +105°C
Through Hole - Kinked Pin

8.5A
600V

030
SMC&WAVE
003
260

PK-70873-0811-001
PS-43650
SD-43650-007-001
SYM-43650-0918
TS-43045-001-001, TS-43045-002-001,
TS-46235-001-001

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[43650-0920](#)