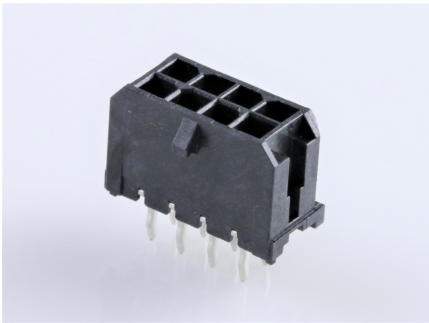




Part Number : [440670801](#)
Product Description : Micro-Fit 3.0 Wire-to-Board Header, Dual Row, Vertical for up to 3.56mm Thick PCB, 8 Circuits, Tin (Sn) Plating
Series Number : 44067
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[Drawing 440670801_sd.pdf](#)
[Packaging Design Drawing PK-70873-0314-001.pdf](#)

3D Models and Design Files

[3D Model 440670801_stp.zip](#)
[Symbol Footprint Data SYM-44067-080X-001.zip](#)

Specifications

[Product Specification 430450001-PS-KO-000.pdf](#)
[Product Specification 430450001-PS-SP-000.pdf](#)
[Product Specification PS-43045-001.pdf](#)
[Test Summary 430450005-TS-000.pdf](#)
[Test Summary TS-43045-001-001.pdf](#)
[Test Summary TS-43045-002-001.pdf](#)
[Test Summary TS-46235-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	44067
Description	Micro-Fit 3.0 Wire-to-Board Header, Dual Row, Vertical for up to 3.56mm Thick PCB, 8 Circuits, Tin (Sn) Plating
Application	Power, Wire-to-Board
Comments	High Temperature, Polarization Key to PCB
Component Type	PCB Header
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit 3.0
UPC	800756470825

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	250V

Physical

Breakaway	No
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Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.249/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	4.01mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.60mm
Pitch - Mating Interface	3.00mm
Pitch - Termination 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° to +105°C
Termination Interface Style	Through Hole - Kinked Pin

Solder Process Data

Max-Duration	30
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3

Max-Temp	260
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Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit 3.0 Dual Row Receptacle Housings	<u>43025</u>