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Part Number:

0440671402

Status:

Active

Overview:

Micro-Fit 3.0™ Connectors

Description:

Micro-Fit 3.0™ Wire-to-Board Header, Dual Row, Vertical for up to 3.56mm Thick PCB, 14 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

- 3D Model

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

RoHS Certificate of Compliance (PDF)
- Product Specification PS-43045 (PDF)

General

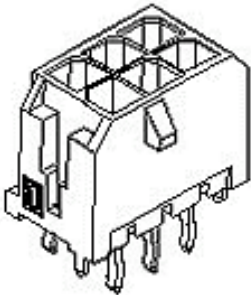
Product Family	PCB Headers
Series	44067
Application	Power, Wire-to-Board
Comments	High Temperature, Polarization Key to PCB
Overview	Micro-Fit 3.0™ Connectors
Product Name	Micro-Fit 3.0™
UPC	800753926394

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.972/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	4.01mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Kinked Pin

Electrical

Current - Maximum per Contact	5.0A
Voltage - Maximum	250V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

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

ELV

Green Image

Not Relevant

Search Parts in this Series

44067 Series

Mates With

43025 Micro-Fit 3.0™ Receptacle Housing

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

Product Specification	PS-43045
Sales Drawing	SD-44067-001
Test Summary	TS-43045-002

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