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Part Number:

44068-0242

Status:

Active

Overview:

Mini-Fit® Blind Mate Interface (BMI) Connectors

Description:

Mini-Fit® BMI, 260C Wave Solderable, 4.20mm Pitch, Dual Row, Vertical, 18 Circuits, 6.35mm PCB Thickness, with Snap-In Metal Pins, PA Polyamide Nylon 4/6, UL 94V-0, with Tin (Sn) Over Nickel (Ni) Plating, with Solderable Retention



image - Reference onlySeries

- Documents:
- 3D Model

Test Summary TS-43810-001 (PDF)
- Drawing (PDF)

Test Summary TS-43879-001 (PDF)
- Product Specification PS-43810-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-45750-001 (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	44068
Application	Board-to-Board, Power, Wire-to-Board
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-Fit® Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex product specification PS-45750-001 for additional current de-rating information.
Overview	Mini-Fit® Blind Mate Interface (BMI) Connectors
Product Name	Mini-Fit® BMI
UPC	800753006157
Physical	
Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
Durability (mating cycles max)	10
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.610/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	5.70mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.18mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

44068Series

Mates With

42385 , 42474 , 44475 , 44516 , 5557 Dual Row

Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	13A
Voltage - Maximum	600V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-43810-001, PS-45750-001
Sales Drawing	SD-44068-051
Test Summary	TS-43810-001, TS-43879-001

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