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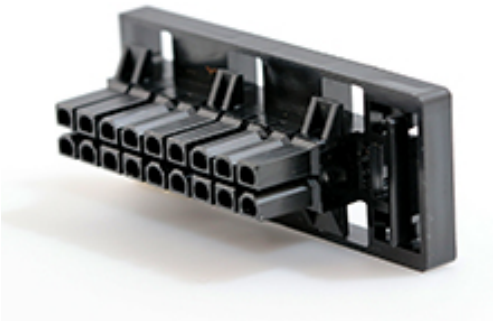
Part Number: 0445160009
Status: Active
Overview: Mini-Fit BMI Connectors
Description: Mini-Fit BMI Receptacle Housing, 4.20mm Pitch, Dual Row, Panel Mount, Slide-and-Lock, Nylon 6/6, UL 94V-0, 18 Circuits



Series image - Reference only

Documents:

Drawing (PDF)
3D Model (PDF)
3D Model
Product Specification PS-45750-001-001 (PDF)
Product Specification PS-5556-002-001 (PDF)
Packaging Specification PK-44516-002-000 (PDF)
Test Summary TS-44516-002-001 (PDF)
Test Summary TS-5556-002-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	44516
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information.
Overview	Mini-Fit BMI Connectors
Product Name	Mini-Fit BMI
UPC	756054596029

Physical

Circuits (maximum)	18
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Resin	Nylon Alloy
Net Weight	6.888/g
Number of Rows	2
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Electrical

Current - Maximum per Contact	13.0A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-44516-002-000
Product Specification	PS-45750-001-001, PS-5556-002-001
Sales Drawing	SD-44516-005-001
Test Summary	TS-44516-002-001, TS-5556-002-001

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant

REACH SVHC
Not Contained Per - ECHA_01_2020 (16 January 2020

Halogen-Free Status
Not Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
44516 Series

Mates With
42475 Mini-Fit Plug, Mini-Fit Header 42404 , 42440 , 44068 , 43879 , 43810 , 43759

Use With
Mini-Fit Female Crimp Terminals 5556
Mini-Fit Plus HCS Crimp Terminal 45750
Mini-Fit Pre-Crimped Leads 797580001 , 797580009

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