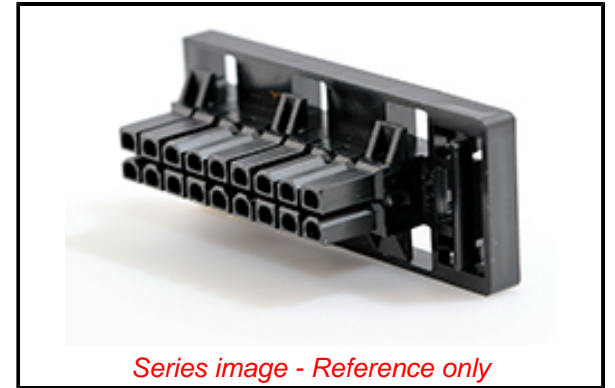


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Part Number: **0445160009**
Status: **Active**
Overview: Mini-Fit BMI Connectors
Description: Mini-Fit BMI Receptacle Housing, 4.20mm Pitch, Dual Row, Panel Mount, Slide-and-Lock, Nylon 6/6, UL 94V-0, 18 Circuits

Documents:

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



Series image - Reference only

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	<u>44516</u>
3D Viewer	Yes
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with <u>45750</u> series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information.
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with <u>45750</u> 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
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Material Info

Reference - Drawing Numbers

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Not 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

44516 Series

Mates With

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

Use With

Mini-Fit Crimp Terminal 5556 , 44476 , 45750 Mini-Fit Plus HCS Crimp Terminal

Packaging Specification
Product Specification
Sales Drawing
Test Summary

PK-44516-002-000
PS-45750-001-001
SD-44516-005
TS-44516-002-001, TS-5556-002-001

This document was generated on 10/03/2019

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