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Part Number: [0445160007](#)
Status: **Active**
Overview: [Mini-Fit® BMI](#)
Description: Mini-Fit BMI Receptacle Housing, 4.20mm Pitch, Dual Row, Panel Mount, Slide-and-Lock, Nylon 6/6, UL 94V-0, 14 Circuits

Documents:

3D Model	Packaging Specification PK-44516-005 (PDF)
Drawing (PDF)	Test Summary TS-44516-001-001 (PDF)
Product Specification PS-44516-001-001 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-45750-001-001 (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.
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Overview

Product Name	Mini-Fit® BMI
UPC	Mini-Fit BMI 887191013596

Physical

Circuits (maximum)	14
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Resin	Nylon Alloy
Net Weight	4.965/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

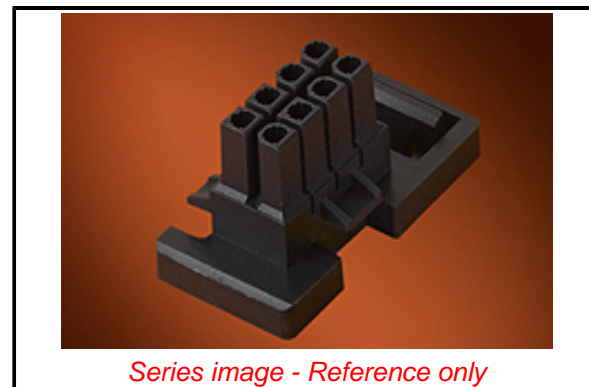
Electrical

Current - Maximum per Contact	13.0A
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Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

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](#) , [42400](#) , [44068](#) , [43879](#) , [43810](#)

Use With

Mini-Fit Crimp Terminal [5556](#) , [45750](#) Mini-Fit Plus HCS Crimp Terminal

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

PK-44516-005

PS-44516-001-001, PS-45750-001-001

SD-44516-004-000

TS-44516-001-001, TS-5556-002-001

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