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Part Number: [0445160003](#)
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, 6 Circuits

Documents:

3D Model	Product Specification TS-5556-002 (PDF)
Drawing (PDF)	Packaging Specification PK-44516-002 (PDF)
Product Specification PS-44516-001 (PDF)	Test Summary TS-44516-002 (PDF)
Product Specification PS-45750-001 (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
Product Name	Mini-Fit® BMI
UPC	884982682559

Physical

Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Resin	Nylon Alloy
Net Weight	3.419/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°C to +105°C

Electrical

Current - Maximum per Contact	13.0A
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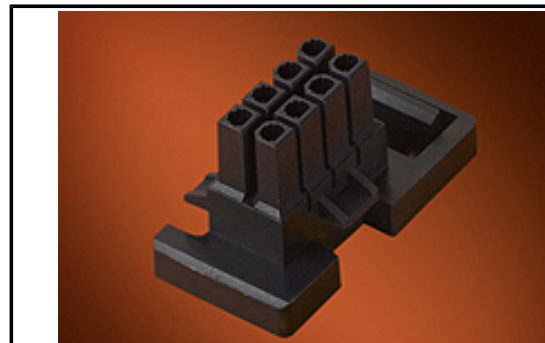
Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-44516-002
Product Specification	PS-44516-001, PS-45750-001, TS-5556-002
Sales Drawing	SD-44516-004



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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

[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

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