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**Part Number:** [44516-0009](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit® BMI](#)  
**Description:** 4.20mm Pitch Mini-Fit® BMI Receptacle Housing, Dual Row, Panel Mount, Slide-and-Lock, Nylon 6/6, UL 94V-0, 18 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-45750-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-5556-002 (PDF)</a>
<a href="#">Product Specification PS-44516-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
TUV	30683046
UL	E29179

**General**

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

**Physical**

Circuits (maximum)	18
Color - Resin	Black
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	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°C to +105°C

**Electrical**

Current - Maximum per Contact	13A
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**Material Info**

**Reference - Drawing Numbers**

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

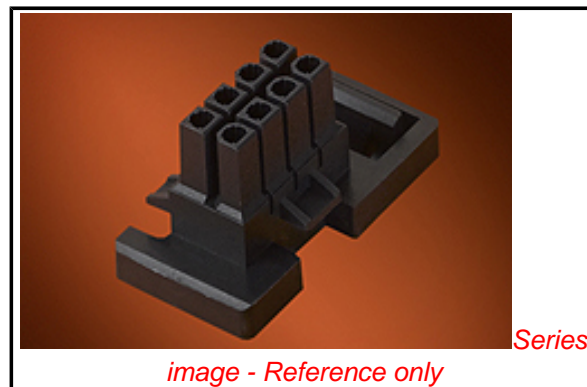


image - Reference only

**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](mailto: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**

[44516Series](#)

**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

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