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**Part Number:** [0445160012](#)  
**Status:** **Active**  
**Overview:** Mini-Fit BMI Connectors  
**Description:** Mini-Fit BMI Receptacle Housing, 4.20mm Pitch, Dual Row, Panel Mount, Slide-and-Lock, PBT Polyester, UL 94V-0, 24 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification TS-5556-002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-44516-003 (PDF)</a>
<a href="#">Product Specification PS-45750-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
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

Product Name	<a href="#">Mini-Fit BMI Connectors</a>
UPC	Mini-Fit BMI 756054224441

**Physical**

Circuits (maximum)	24
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Resin	Polyester
Net Weight	8.825/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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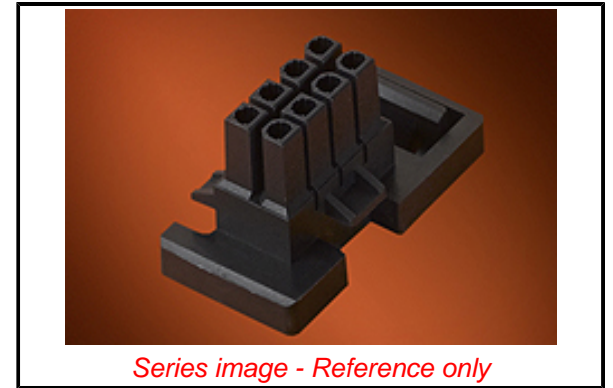
**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-44516-003
Product Specification	PS-45750-001-001, TS-5556-002-001
Sales Drawing	SD-44516-005



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**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

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