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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:

| | |
|--|---|
| Drawing (PDF) | Product Specification TS-5556-002-001 (PDF) |
| 3D Model | Packaging Specification PK-44516-003 (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 | Mini-Fit BMI Connectors |
| Product Name | Mini-Fit BMI |
| UPC | 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 |

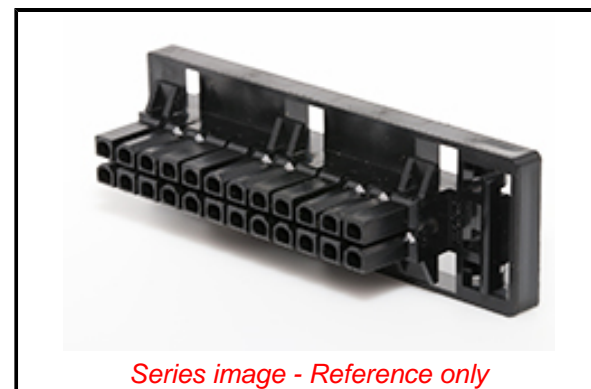
Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 13.0A |
|-------------------------------|-------|

Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/88/2018 (15 January 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

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-44516-003

PS-45750-001-001, TS-5556-002-001

SD-44516-005

This document was generated on 03/29/2019

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