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Part Number: **0050362323**
Status: **Active**
Overview: Mini-Fit BMI Connectors
Description: Mini-Fit® BMI Plug Housing, 4.20mm Pitch Dual Row, White, UL 94V-0, 8 Circuits

Documents:

| | |
|--|--|
| 3D Model | Product Specification TS-42475-001-001 (PDF) |
| Drawing (PDF) | Product Specification TS-5556-002-001 (PDF) |
| Product Specification PS-45750-001-001 (PDF) | Packaging Specification PK-42474-001-001 (PDF) |
| Product Specification PS-5556-002-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|---|
| Product Family | Crimp Housings |
| Series | <u>42475</u> |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Comments | Current = 13A max. per circuit when header is mated to a receptacle loaded with <u>45750</u> series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information. |
| Overview | Mini-Fit BMI Connectors |
| Product Name | Mini-Fit® BMI |
| UPC | 883906497316 |

Physical

| | |
|-------------------------------|-----------------|
| Circuits (maximum) | 8 |
| Color - Resin | Natural |
| Flammability | 94V-0, 94V-2 |
| Gender | Plug |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 4.390/g |
| Number of Rows | 2 |
| Packaging Type | Bag |
| Panel Mount | Yes |
| Pitch - Mating Interface | 4.20mm |
| Pitch - Termination 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 |
|-------------------------------|-------|

Solder Process Data

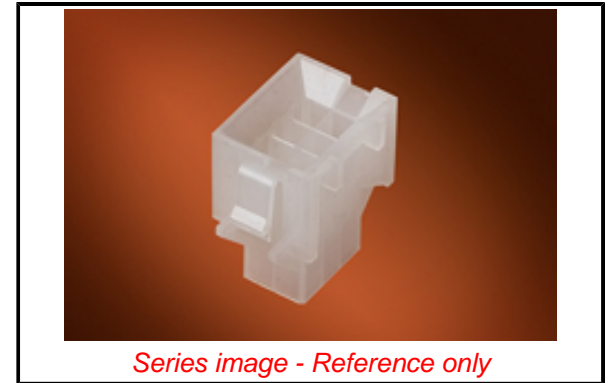
| | |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

Material Info

| | |
|--------------------|------------|
| Engineering Number | 42475-0821 |
|--------------------|------------|

Reference - Drawing Numbers

| | |
|-------------------------|------------------|
| Packaging Specification | PK-42474-001-001 |
|-------------------------|------------------|



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

42475 Series

Mates With

Mini-Fit Jr.™ Receptacle Housing 5557 ,
Mini-Fit® BMI Receptacle Header 42385 ,
Mini-Fit® BMI Receptacle Housing 42474

Use With

46012 Mini-Fit® Plus HCS Crimp Terminal,
5558 Mini-Fit® Crimp Terminal

Product Specification

Sales Drawing

PS-45750-001-001, PS-5556-002-001,
TS-42475-001-001, TS-5556-002-001
SD-42475-***1

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