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Part Number: [15-06-0085](#)
Status: **Active**
Overview: Mini-Fit® BMI
Description: Mini-Fit® BMI Plug Housing, 4.20mm Pitch Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 8 Circuits

Documents:

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

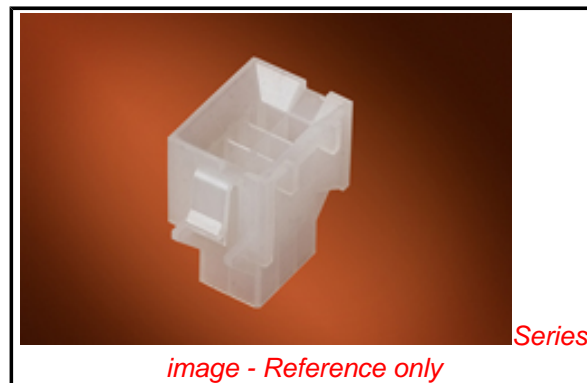


image - Reference only

Agency Certification

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

General

| | |
|----------------|--|
| Product Family | Crimp Housings |
| Series | 42475 |
| 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. |
| MolexKits | Yes |
| Overview | Mini-Fit® BMI |
| Product Name | Mini-Fit® BMI |
| UPC | 800754204477 |

Physical

| | |
|-------------------------------|-----------------|
| Circuits (maximum) | 8 |
| Color - Resin | Natural |
| Flammability | 94V-2 |
| Gender | Male |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 3.880/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 |
|-------------------------------|-------|

Material Info

| | |
|-----------------|------------|
| Old Part Number | 42475-0811 |
|-----------------|------------|

Reference - Drawing Numbers

| | |
|-------------------------|---|
| Packaging Specification | PK-42474-001 |
| Product Specification | PS-45750-001, PS-5556-002, RPS-5557-034 |

| | |
|---|--|
| EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen | China RoHS  |
|---|--|

Need more information on product environmental compliance?

Email 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

[42475Series](#)

Mates With

[15-06-0080](#) Mini-Fit® BMI Panel Mount Receptacle, [39-01-2080](#) Mini-Fit® Jr. Receptacle

Use With

[46012](#) Mini-Fit® Plus HCS Crimp Terminal, [5558](#) Mini-Fit® Crimp Terminal

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