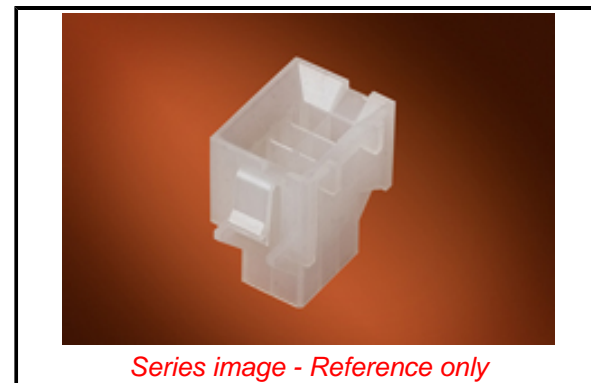


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Part Number: [0015060045](#)
Status: **Active**
Overview: [Mini-Fit® Blind Mate Interface \(BMI\) Connectors](#)
Description: Mini-Fit® BMI Plug Housing, 4.20mm Pitch Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 4 Circuits

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 | 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® Blind Mate Interface (BMI) Connectors |
| Product Name | Mini-Fit® BMI |
| UPC | 800753605053 |

Physical

| | |
|-------------------------------|-----------------|
| Circuits (maximum) | 4 |
| Color - Resin | Natural |
| Flammability | 94V-2 |
| Gender | Male |
| Glow-Wire Compliant | No |
| Lock to Mating Part | None |
| Material - Resin | Nylon |
| Net Weight | 2.494/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-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

| | |
|--------------------|------------|
| Engineering Number | 42475-0411 |
|--------------------|------------|

Reference - Drawing Numbers

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/01/2017 (12 January 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 | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[42475 Series](#)

Mates With

[15-06-0040](#) Mini-Fit® BMI Panel Mount Receptacle, [42385](#) Mini-Fit® BMI 4 Circuit, UL 94V-2 Vertical Receptacle Headers, [44475-0411](#) Mini-Fit® HCS BMI Vertical Receptacle Header

Use With

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

Packaging Specification
Product Specification

Sales Drawing

PK-42474-001-001
PS-45750-001-001, PS-5556-002-001,
TS-42475-001-001, TS-5556-002-001
SD-42475-***1

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