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Part Number:

0015060105

Status:

Active

Overview:

Mini-Fit® 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, 10 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-45750-001-001 (PDF)

Product Specification PS-5556-002-001 (PDF)

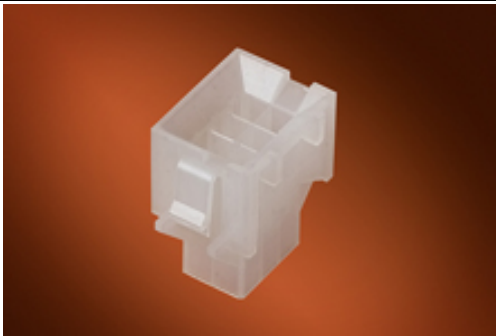
Product Specification TS-42475-001-001 (PDF)

Product Specification TS-5556-002-001 (PDF)

Packaging Specification PK-42474-001-001 (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® BMI Connectors                                                                                                                                                                                                   |
| Product Name                  | Mini-Fit® BMI                                                                                                                                                                                                              |
| UPC                           | 800755528244                                                                                                                                                                                                               |
| Physical                      |                                                                                                                                                                                                                            |
| Circuits (maximum)            | 10                                                                                                                                                                                                                         |
| Color - Resin                 | Natural                                                                                                                                                                                                                    |
| Flammability                  | 94V-2                                                                                                                                                                                                                      |
| Gender                        | Male                                                                                                                                                                                                                       |
| Glow-Wire Compliant           | No                                                                                                                                                                                                                         |
| Lock to Mating Part           | Yes                                                                                                                                                                                                                        |
| Material - Resin              | Nylon                                                                                                                                                                                                                      |
| Net Weight                    | 4.120/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            | 42475-1011                                                                                                                                                                                                                 |
| Reference - Drawing Numbers   |                                                                                                                                                                                                                            |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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](mailto: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

15-06-0100 Mini-Fit® BMI Panel Mount

Receptacle, 42385 Mini-Fit® BMI 10 Circuit,

UL 94V-2 Vertical Receptacle Headers,

44475-1011 Mini-Fit® HCS BMI Vertical

Receptacle Header, 39-01-2100 Mini-Fit®

Jr. Receptacle

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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