

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0015060185
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, 18 Circuits

Documents:

- Drawing (PDF)
3D Model (PDF)
3D Model
Product Specification PS-45750-001-001 (PDF)
Product Specification PS-5556-002-001 (PDF)
- Packaging Specification PK-42474-001-001 (PDF)
Test Summary TS-42475-001-001 (PDF)
Test Summary TS-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.
Overview	Mini-Fit BMI Connectors
Product Name	Mini-Fit BMI
UPC	800753689046

Physical

Circuits (maximum)	18
Color - Resin	Natural
Flammability	94V-2
Gender	Plug
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	5.995/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° to +105°C

Electrical

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

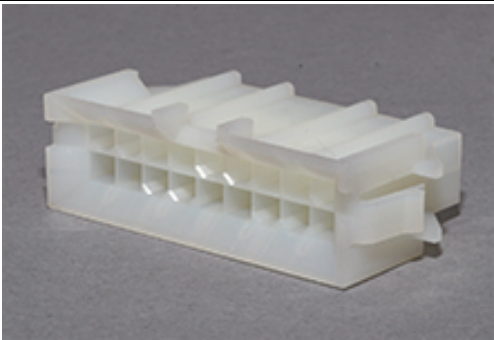
Solder Process Data

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

Material Info

Engineering Number	42475-1811
--------------------	------------

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

42475 Series

Mates With

15060180 MiniFit BMI Panel Mount Receptacle, 42385 MiniFit BMI 18 Circuit, UL 94V2 Vertical Receptacle Headers, 444751811 MiniFit HCS BMI Vertical Receptacle Header, 39012180 MiniFit Jr. Receptacle, 445160009 MiniFit BMI SI

Use With

Mini-Fit Male Crimp Terminals 5558

Mini-Fit Plus HCS Crimp Terminals 46012
Mini-Fit Pre-Crimped Leads 797580005 , 797580013

Packaging Specification
Product Specification
Sales Drawing
Test Summary

PK-42474-001-001
PS-45750-001-001, PS-5556-002-001
SD-42475-XXX1
TS-42475-001-001, TS-5556-002-001

This document was generated on 07/27/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION