

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0015060146](#)
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-0, 14 Circuits

Documents:

3D Model	Packaging Specification PK-42474-001 (PDF)
Drawing (PDF)	Test Summary TS-42475-001 (PDF)
Product Specification PS-45750-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5556-002 (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® Blind Mate Interface (BMI) Connectors
Product Name	Mini-Fit® BMI
UPC	800754204828

Physical

Circuits (maximum)	14
Color - Resin	Natural
Flammability	94V-0
Gender	Male
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	6.040/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

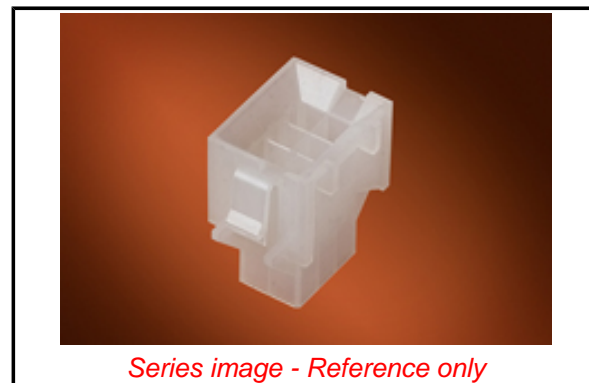
Lead-free Process Capability	N/A
------------------------------	-----

Material Info

Old Part Number	42475-1421
-----------------	------------

Reference - Drawing Numbers

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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

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

Green Image

Not Relevant

Search Parts in this Series

[42475 Series](#)

Mates With

[15-06-0141](#) Mini-Fit® BMI Panel Mount Receptacle, [42385](#) Mini-Fit® BMI 14 Circuit, UL 94V-0 Vertical Receptacle Headers, [44475-1421](#) Mini-Fit® HCS BMI Vertical Receptacle Header, [39-01-2145](#) Mini-Fit® Jr. Receptacle

Use With

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

Product Specification
Sales Drawing
Test Summary

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

This document was generated on 08/10/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION