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Part Number:

0050362323

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit BMI Plug Housing, 4.20mm Pitch Dual Row, White, UL 94V-0, 8 Circuits

Documents:	
3D Model (PDF)	Product Specification PS-45750-001-001 (PDF)
Drawing (PDF)	Product Specification PS-5556-002-001 (PDF)
3D Model	Packaging Specification PK-42474-001-001 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Test Summary TS-42475-001-001 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification 55560002-PS-SK-000 (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 Family Power Connectors
Product Name	Mini-Fit BMI
Taxonomy	Connector Housings
UPC	883906497316
Physical	
Circuits (maximum)	8
Color - Resin	Natural
Flammability	94V-0, 94V-2
Gender	Plug
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	4.390/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	42475-0821



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

Mini-Fit Jr. Receptacle Housing 5557 , Mini-Fit BMI Receptacle Header 42385 , Mini-Fit BMI Receptacle Housing 42474

Use With

Mini-Fit Male Crimp Terminals 5558

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

Reference - Drawing Numbers

Packaging Specification	PK-42474-001-001
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-45750-001-001, PS-5556-002-001
Sales Drawing	SD-42475-XXX1-001
Test Summary	TS-42475-001-001, TS-5556-002-001

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