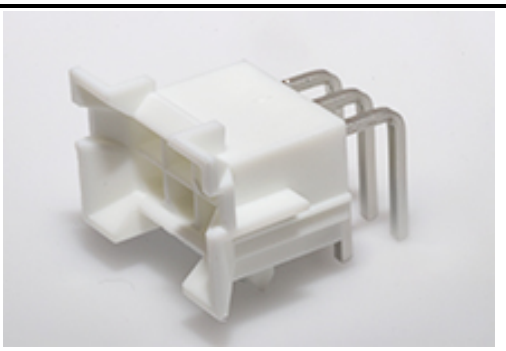
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Part Number: 0015246063
Status: Active
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit BMI Header, Dual Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 6 Circuits, PA Polyamide Nylon 6/6, UL 94V-0, with Select Gold (Au) Plating



Series image - Reference only

Documents:

- Drawing (PDF)
- 3D Model
- 3D Model (PDF)
- Product Specification 55560002-PS-CH-000 (PDF)
- Product Specification 55560002-PS-ES-000 (PDF)
- Product Specification 55560002-PS-SK-000 (PDF)
- Product Specification PS-45750-001-001 (PDF)
- Product Specification PS-5556-002-001 (PDF)
- Application Specification 424040001-AS-000 (PDF)
- Packaging Specification PK-42404-002-001 (PDF)
- Test Summary TS-42404-001-001 (PDF)
- Test Summary TS-5556-002-001 (PDF)
- Symbol Footprint Data SYM-A42404-06XX-001 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	42404
Application	Board-to-Board, Power, Wire-to-Board
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-Fit Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex product specification PS-45750-001 for additional current de-rating information.
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit BMI
UPC	822350294959

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural (White)
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	2.620/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.80mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Not Contained Per - D(2021)4569-DC (8 July 2021)

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
42404 Series

Mates With
15060061 Mini-Fit BMI Panel Mount Receptacle, 39012065 Mini-Fit Jr. Receptacle, 15247063 Mini-Fit BMI Vertical Receptacle Header

Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	13.0A
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240
Material Info	
Engineering Number	42404-06B5
Reference - Drawing Numbers	
Application Specification	424040001-AS-000
Packaging Specification	PK-42404-002-001
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-45750-001-001, PS-5556-002-001
Sales Drawing	SDA-42404-XXXX-001
Symbol/Footprint Data	SYM-A42404-06XX-001
Test Summary	TS-42404-001-001, TS-5556-002-001

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