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Part Number: [44499-0116](#)
Status: **Active**
Overview: Mini-Fit® Blind Mate Interface (BMI) Connectors
Description: 4.20mm Pitch Mini-Fit® BMI Header, Dual Row, Right Angle, 4 Circuits, PA Polyamide Nylon 6/6, UL 94V-0, with Matte Tin(Sn) Overall Plating

Documents:

3D Model	Test Summary TS-42404-001 (PDF)
Drawing (PDF)	Test Summary TS-5556-002 (PDF)
Product Specification PS-5556-002 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

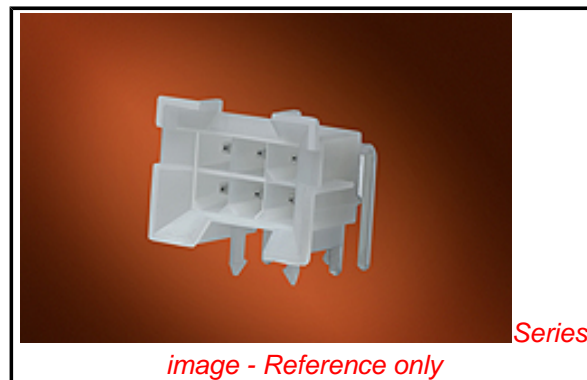
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	44499
Application	Board-to-Board, Power, Wire-to-Board
Overview	Mini-Fit® Blind Mate Interface (BMI) Connectors
Product Name	Mini-Fit® BMI
UPC	884982936393

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1.885/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	2.540µm
Plating min - Termination	1.270µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole



EU RoHS

ELV and RoHS Compliant

REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[44499Series](#)

Mates With

4.20mm Pitch Mini-Fit® BMI Receptacle Housing [5557](#) , [42385](#) , [42474](#) , [44516](#)

Electrical

Current - Maximum per Contact 9A
Voltage - Maximum 600V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
Lead-free Process Capability Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 240

Material Info**Reference - Drawing Numbers**

Product Specification PS-5556-002
Sales Drawing SDA-44499-*
Test Summary TS-42404-001, TS-5556-002

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