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Part Number: [0441513001](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Jr. BMI Header, 4.20mm Pitch, Dual Row, Right-Angle, 6 Circuits, PA Polyamide Nylon 6/6, UL 94V-0, Select Gold (Au) Plating, Natural

Documents:

3D Model	Product Specification PS-5556-002-001 (PDF)
3D Model (PDF)	Packaging Specification PK-42404-002-001 (PDF)
Drawing (PDF)	Test Summary TS-42404-001-001 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	

General

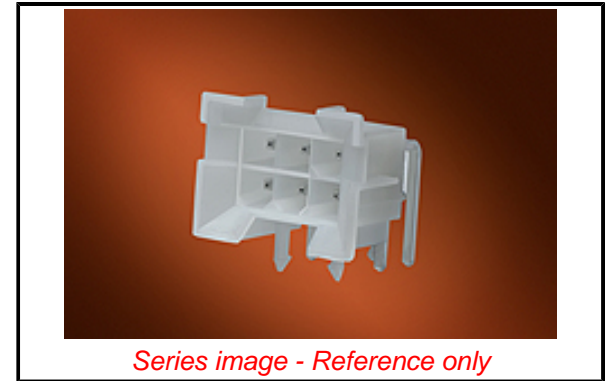
Product Family	PCB Headers
Series	44151
Application	Board-to-Board, Power, Wire-to-Board
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	884982520837

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	Yes
Glow-Wire Capable	No
Guide to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	2.730/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	5.10mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
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	8.0A
Voltage - Maximum	600V



EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[44151 Series](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-42404-002-001
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-5556-002-001
Sales Drawing	SD-44151-001-000
Test Summary	TS-42404-001-001, TS-5556-002-001

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