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Part Number: 0015247043

Status: Active

Overview: Mini-Fit Family Power Connectors

Description: Mini-Fit BMI Receptacle Header, 4.20mm Pitch, Dual Row, Vertical, with Snap-In Plastic Pegs, 0.80µm Gold (Au), UL 94V-0, 4 Circuits

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-5556-002-001 (PDF)
- Packaging Specification PK-42385-999-001 (PDF)
- Test Summary 423850000-TS-000 (PDF)
- Test Summary TS-5556-002-001 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

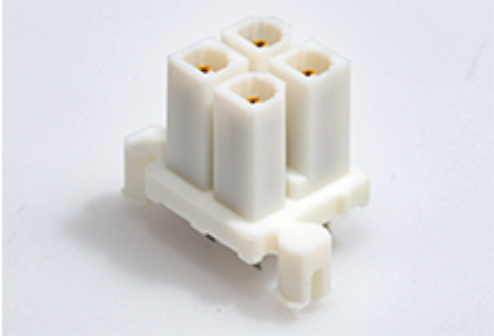
Product Family	PCB Receptacles
Series	42385
3D Viewer	Yes
Application	Board-to-Board, Power, Wire-to-Board
Comments	Solder Type With Pegs, Solder Type With Pegs
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit BMI
UPC	800754209014

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural (White)
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Resin	Nylon
Net Weight	0.897/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	9.0A
Grounding to PCB	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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

42385 Series

Mates With

Panel Mount Plug 42475
Right Angle
Headers 42404 , 43810
Vertical
Headers 42440 , 43879 , 44068

Voltage - Maximum	600V AC (RMS)/DC
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	42385-04B2
Reference - Drawing Numbers	
Packaging Specification	PK-42385-999-001
Product Specification	PS-5556-002-001
Sales Drawing	SDA-42385-X-001
Symbol/Footprint Data	SYM-A42385-04XX
Test Summary	423850000-TS-000, TS-5556-002-001

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