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Part Number:

0015247067

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, 6 Circuits

Documents:	
3D Model (PDF)	Product Specification 55560002-PS-SK-000 (PDF)
3D Model	Product Specification PS-5556-002-001 (PDF)
Drawing (PDF)	Test Summary 423850000-TS-000 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Symbol Footprint Data SYM-A42385-06XX-001 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Receptacles
Series	42385
Application	Board-to-Board, Power, Wire-to-Board
Comments	Solder Type With Pegs
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit BMI
UPC	822348016143

Physical	
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural (White)
Durability (mating cycles max)	30
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1.275/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
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	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
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	42385-06D2
Reference - Drawing Numbers	
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-5556-002-001
Symbol/Footprint Data	SYM-A42385-06XX-001
Test Summary	423850000-TS-000

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