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Part Number: [0015247060](#)
Status: **Active**
Description: 4.20mm (.165") Pitch Mini-Fit BMI™ Receptacle Header, Dual Row, Vertical, with Snap-In Plastic Pegs, Post 2.54µm (100µ") Tin (Sn), UL 94V-2, 6 Circuits

Documents:

3D Model	Product Specification PS-5556-002 (PDF)
Packaging Specification (PDF)	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	

General

Product Family	PCB Receptacles
Series	42385
Application	Board-to-Board
Comments	Solder Type With Pegs
Product Name	Mini-Fit BMI™

Physical

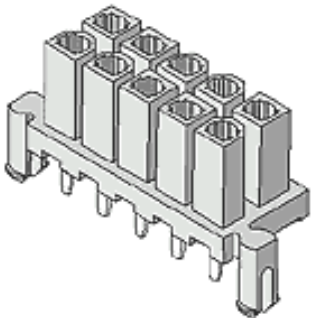
Circuits (Loaded)	6
Color - Resin	Natural
Durability (mating cycles max)	30
Flammability	94V-2
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	Nylon
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.070 In
PCB Thickness Recommended (mm)	1.80 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.165 In
Pitch - Mating Interface (mm)	4.20 mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

CSA	LR19980
Current - Maximum	8A
Grounding to PCB	No
UL	E29179
Voltage - Maximum	600V

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



*Series
image - Reference only*

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



Not Reviewed

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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

[42385Series](#)

Mates With

[42475](#) Panel Mount Plug, [42404](#) Vertical
Header, [42440](#) Vertical Header, [43879](#)
Vertical Header, [44068](#) Vertical Header

Material Info

Old Part Number 42385-06A1

Reference - Drawing Numbers

Product Specification PS-5556-002

Sales Drawing SDA-42385-*

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