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Part Number:

0015247141

Status:

Active

Overview:

Mini-Fit® Products

Description:

Mini-Fit® BMI Receptacle Header, 4.20mm Pitch, Dual Row, Vertical, with Snap-In Plastic Pegs, Post 2.54µm Tin (Sn), UL 94V-0, 14 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-5556-002 (PDF)

Test Summary TS-5556-002 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Receptacles
Series		42385
Application		Board-to-Board, Power
Comments		Solder Type With Pegs
Overview		Mini-Fit® Products
Product Name		Mini-Fit® BMI
UPC		800754209472

Physical		
Circuits (Loaded)		14
Circuits (maximum)		14
Color - Resin		Natural (White)
Durability (mating cycles max)		30
Flammability		94V-0
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
Net Weight		2.876/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°C to +105°C
Termination Interface: Style		Through Hole

Electrical		
Current - Maximum per Contact		9.0A
Grounding to PCB		No
Voltage - Maximum		600V AC (RMS)/DC

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2015 June 15): No

Halogen-Free Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

42385 Series

Mates With

42475 Panel Mount Plug, 42404 Vertical Header, 42440 Vertical Header, 43879 Vertical Header, 44068 Vertical Header

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	
Old Part Number	42385-14B1
Reference - Drawing Numbers	
Product Specification	PS-5556-002
Sales Drawing	SD-42385-001, SDA-42385-*
Test Summary	TS-5556-002

This document was generated on 02/02/2016

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