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Part Number:

0015247140

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-2, 14 Circuits



Series image - Reference only

- Documents:
- 3D Model

Drawing (PDF)

Product Specification PS-5556-002-001 (PDF)

Product Specification TS-5556-002-001 (PDF)

Packaging Specification PK-42385-999 (PDF)

Test Summary 423850000-TS-000 (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	800753535053

Physical

Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Natural
Durability (mating cycles max)	30
Flammability	94V-2
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	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° 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

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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

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

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	42385-14A1
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Reference - Drawing Numbers

Packaging Specification	PK-42385-999
Product Specification	PS-5556-002-001, TS-5556-002-001
Sales Drawing	SDA-42385-*
Test Summary	423850000-TS-000

This document was generated on 10/17/2018

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