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Part Number:

15-24-7100

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, 10 Circuits



Series

image - Reference only

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	800753689107

Physical

Circuits (Loaded)	10
Circuits (maximum)	10
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
Net Weight	2.057/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.20mm
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

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product 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

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

Material Info

Old Part Number	42385-10A1
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Reference - Drawing Numbers

Product Specification	PS-5556-002
Sales Drawing	SD-42385-001, SDA-42385-*
Test Summary	TS-5556-002

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