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Part Number: 15-24-7143
Status: Active
Overview: Mini-Fit® Blind Mate Interface (BMI) Connectors
Description: 4.20mm Pitch Mini-Fit® BMI Receptacle Header, Dual Row, Vertical, with Snap-In Plastic Pegs, 0.80µm Gold (Au), UL 94V-0, 14 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® Blind Mate Interface (BMI) Connectors
Product Name	Mini-Fit® BMI

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	Gold
Material - Resin	Nylon
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	9A
Grounding to PCB	No
Voltage - Maximum	600V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	5

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Reviewed

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

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	42385-14B2
UPC	800754910705

Reference - Drawing Numbers

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

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