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Part Number:

15-24-7140

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, Post 2.54µm Tin (Sn), UL 94V-2, 14 Circuits



Series

image - Reference only

Documents:

- 3D Model

Test Summary TS-5556-002 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-5556-002 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

42385

Application

Board-to-Board, Power

Comments

Solder Type|With Pegs

MolexKits

Yes

Overview

Mini-Fit® Blind Mate Interface (BMI) Connectors

Product Name

Mini-Fit® BMI

Physical

Circuits (Loaded)

14

Circuits (maximum)

14

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

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

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

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	42385-14A1
UPC	800753535053

Reference - Drawing Numbers

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

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