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Part Number:

0428784264

Status:

Active

Description:

Modular Jack, Vertical, Low Profile, 4/2, Panel Stops

Documents:

3D Model

Product Specification PS-42878 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

42878

Comments

Flush Mount|Flangeless|2 PCB Thick

Component Type

PCB Jack

Magnetic

No

Performance Category

3

Power over Ethernet (PoE)

N/A

Product Name

N/A

Physical

Boot Color

N/A

Color - Resin

Black

Durability (mating cycles max)

500

Flammability

94V-0

Inverted / Top Latch

N/A

Lightpipes/LEDs

None

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Polyester

Orientation

Vertical (Top Entry)

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness Recommended (in)

0.125 In

PCB Thickness Recommended (mm)

3.18 mm

Packaging Type

Tray

Pitch - Mating Interface (in)

0.040 In

Pitch - Mating Interface (mm)

1.02 mm

Pitch - Term. Interface (in)

0.050 In

Pitch - Term. Interface (mm)

1.27 mm

Ports

1

Positions / Loaded Contacts

4/4

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40°C to +85°C

Termination Interface: Style

Through Hole

Waterproof / Dustproof

No

Wire/Cable Type

N/A

Electrical

Current - Maximum per Contact

1.5A

Shielded

No

Voltage - Maximum

150V AC (RMS)

Solder Process Data

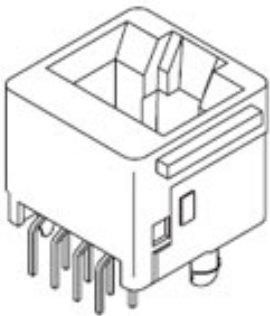


image - Reference only

Series

EU RoHS

ELV and RoHS  
Compliant  
REACH SVHC  
Not Reviewed  
Halogen-Free  
Status

China RoHS



Need more information on product  
environmental compliance?

Email [productcompliance@molex.com](mailto: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  
42878Series

Mates With  
FCC 68 Plugs

|                                                |                        |
|------------------------------------------------|------------------------|
| 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                     | 235                    |

**Material Info**

**Reference - Drawing Numbers**

|                         |                |
|-------------------------|----------------|
| Packaging Specification | PK-42878-492   |
| Product Specification   | PS-42878       |
| Sales Drawing           | SDA-42878-**** |
| Test Summary            | TS-42878-001   |

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