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Part Number:

43249-8909

Status:

Active

Overview:

Modular Plugs - Jacks

Description:

Modular Jack, Right Angle, Low Profile, 8/10, Panel Stops

Documents:

3D Model

Drawing (PDF)

Product Specification PSX-43249 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

43249

Component Type

PCB Jack

Magnetic

No

Overview

Modular Plugs - Jacks

Performance Category

3, 4

Power over Ethernet (PoE)

N/A

Product Name

RJ45

UPC

800756394596

Physical

Boot Color

N/A

Color - Resin

Black

Durability (mating cycles max)

500

Flammability

94V-0

Inverted / Top Latch

No

Jack Height

13.00mm

Lightpipes/LEDs

None

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

5.332/g

Orientation

Right Angle (Side Entry)

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.57mm

Packaging Type

Tray

Pitch - Mating Interface

1.02mm

Pitch - Termination Interface

1.27mm

Plating min - Mating

1.270µm

Plating min - Termination

2.540µm

Ports

1

Positions / Loaded Contacts

8/10

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40°C to +85°C

Termination Interface: Style

Through Hole

Waterproof / Dustproof

No

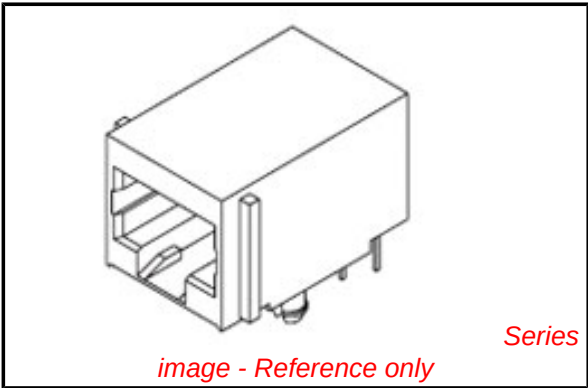
Wire/Cable Type

N/A

Electrical

Current - Maximum per Contact

1.5A



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

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

43249Series

Mates With

FCC 68 Plugs

|                                    |                        |
|------------------------------------|------------------------|
| Grounding to PCB                   | Yes                    |
| Grounding to Panel                 | Top Panel Ground Tabs  |
| Shielded                           | Yes                    |
| Voltage - Maximum                  | 150V AC (RMS)          |
| <b>Solder Process Data</b>         |                        |
| Lead-free Process Capability       | Wave Capable (TH only) |
| <b>Material Info</b>               |                        |
| <b>Reference - Drawing Numbers</b> |                        |
| Product Specification              | PSX-43249              |
| Sales Drawing                      | SDA-43249              |

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