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Part Number:

44248-0034

Status:

Active

Overview:

Modular Plugs - Jacks

Description:

Modular Jack, Right Angle, Low Profile, Inverted, Lightpipes, 8/8, 4 Ports

Documents:

3D Model

Drawing (PDF)

Product Specification PS-43860-003 (PDF)

Application Specification AS-43860-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

44248

Comments

Industry Compatible

Component Type

PCB Jack

Magnetic

No

Overview

Modular Plugs - Jacks

Performance Category

3

Power over Ethernet (PoE)

N/A

Product Name

RJ45

UPC

800753127470

Physical

Boot Color

N/A

Color - Resin

Black, Clear

Durability (mating cycles max)

500

Flammability

94V-0

Inverted / Top Latch

Yes

Jack Height

13.45mm

Lightpipes/LEDs

Lightpipes

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Polycarbonate, Polyester

Net Weight

11.877/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

1.02mm

Plating min - Mating

1.270µm

Plating min - Termination

2.540µm

Ports

4

Positions / Loaded Contacts

8/8

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40°C to +85°C

Termination Interface: Style

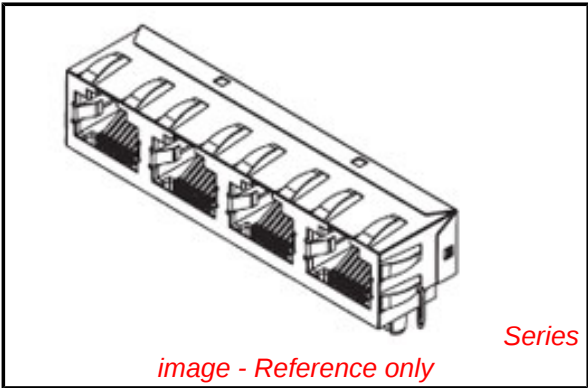
Through Hole

Waterproof / Dustproof

No

Wire/Cable Type

N/A



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen



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

44248Series

Mates With

FCC 68 Plugs

**Electrical**

|                               |               |
|-------------------------------|---------------|
| Current - Maximum per Contact | 1.5A          |
| Grounding to PCB              | Yes           |
| Shielded                      | Yes           |
| Voltage - Maximum             | 150V AC (RMS) |

**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                     | 260                    |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Application Specification | AS-43860-001                                                                |
| Product Specification     | PS-43860-003, RPS-43860-004, RPS-43860-007,<br>RPS-43860-008, RPS-43860-013 |
| Sales Drawing             | SD-44248-001                                                                |

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