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Part Number: [44248-0005](#)
Status: **Active**
Overview: [Modular Plugs - Jacks](#)
Description: [Modular Jack, Right Angle, Low Profile, Inverted, Lightpipes, 8/8, 2 Ports](#)

Documents:
[3D Model](#) [Application Specification AS-43860-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-43860-003 \(PDF\)](#)

Agency Certification

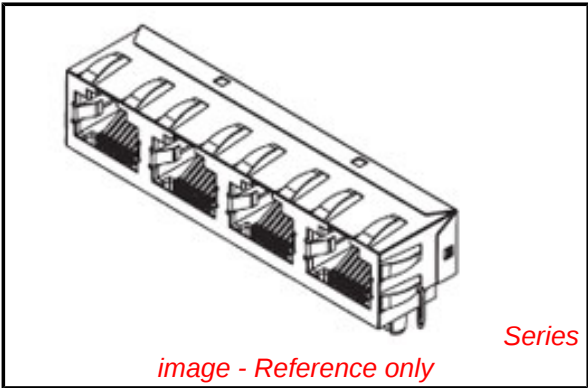
CSA LR19980
UL E107635

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 800753131040

Physical

Boot Color N/A
Color - Resin Black, Clear
Durability (mating cycles max) 500
Flammability 94V-0
Inverted / Top Latch Yes
Jack Height 13.21mm
Lightpipes/LEDs Lightpipes
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Polycarbonate, Polyester
Net Weight 3.910/g
Orientation Right Angle (Side Entry)
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.57mm
Packaging Type Tray
Panel Mount With Flange
Pitch - Mating Interface 1.02mm
Pitch - Termination Interface 1.02mm
Plating min - Mating 1.270µm
Plating min - Termination 2.540µm
Ports 2
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
Not Reviewed
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
[44248Series](#)

Mates With
FCC 68 Plugs

Electrical

Current - Maximum per Contact	1.5A
Grounding to PCB	No
Shielded	No
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, RPS-43860-008, RPS-43860-013
Sales Drawing	SD-44248-001

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