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Part Number: [43860-0001](#)
Status: **Active**
Overview: Modular Plugs - Jacks
Description: Modular Jack, Right Angle, Low Profile, Inverted, 8/8

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

Agency Certification

CSA LR19980
UL E107635

General

Product Family Modular Jacks/Plugs
Series [43860](#)
Component Type PCB Jack
Magnetic No
Overview [Modular Plugs - Jacks](#)
Performance Category 3
Power over Ethernet (PoE) N/A
Product Name RJ45
UPC 800753918115

Physical

Boot Color N/A
Color - Resin Black
Durability (mating cycles max) 500
Flammability 94V-0
Inverted / Top Latch Yes
Jack Height 13.21mm
Lightpipes/LEDs None
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 2.155/g
Orientation Right Angle (Side Entry)
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tube
Pitch - Mating Interface 1.02mm
Pitch - Termination Interface 1.02mm
Plating min - Mating 1.270µm
Plating min - Termination 2.540µm
Ports 1
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

Electrical

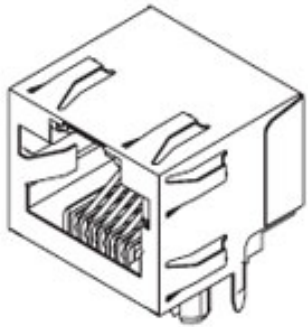


image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

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
[43860Series](#)

Mates With
FCC 68 Plugs

Current - Maximum per Contact

Shielded

Voltage - Maximum

1.5A

No

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MS)

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-free Process Capability

Max. Cycles at Max. Process Temperature

Process Temperature max. C

5

Wave Capable (TH only)

1

260

Material Info

Reference - Drawing Numbers

Application Specification

Product Specification

Sales Drawing

Test Summary

AS-43860-001

PS-43860-003, RPS-43860-004, RPS-43860-007,
RPS-43860-008, RPS-43860-009, RPS-43860-010,
RPS-43860-013

SD-43860-001

TS-43860-001

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