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Part Number: [43860-1010](#)
Status: **Active**
Overview: Modular Plugs - Jacks
Description: Modular Jack, Right Angle, Low Profile, Inverted, Shielded, All Panel Grounding Tabs, Lightpipes, 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
Comments	Lightpipes will withstand soldering temperature of 210° C
Component Type	PCB Jack
Magnetic	No
Overview	Modular Plugs - Jacks
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	RJ45
UPC	800753962484

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	Yes
Jack Height	13.54mm
Keying to Mating Part	None
Lightpipes/LEDs	Lightpipes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic, Polysulfone
Net Weight	3.975g
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	1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +85°C

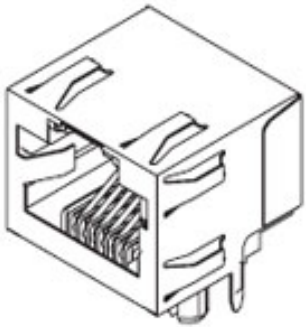


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Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



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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

Termination Interface: Style
Waterproof / Dustproof
Wire/Cable Type

Through Hole
No

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Electrical

Current - Maximum per Contact
Grounding to PCB
Grounding to Panel
Shielded
Voltage - Maximum

1.5A
Yes
Yes
Yes
150V AC (RMS)

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-43860-013
SD-43860-001
TS-43860-001

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