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**Part Number:** [0442480033](#)  
**Status:** **Active**  
**Overview:**  
**Description:** Modular Jack, Right-Angle, Low Profile, Inverted, Lightpipes, 8/8, 2 Ports

**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	Modular Jack 8/8, RJ45
UPC	800753125988

**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	6.431/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
Port Configuration	1x2
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

**Electrical**

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

**Solder Process Data**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

**China RoHS**

ELV

Green Image

RoHS Phthalates

Not Relevant

Not Contained

**Search Parts in this Series**

[44248 Series](#)

**Mates With**

FCC 68 Plugs

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-43860-001-001
Packaging Specification	PK-44248-004-001
Product Specification	PS-43860-003-001
Sales Drawing	SD-44248-001-001

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