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**Part Number:** [0442480029](#)  
**Status:** **Active**  
**Overview:**  
**Description:** Modular Jack, Right Angle, Low Profile, Inverted, Lightpipes, 8/8, 2 Ports

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification \(PDF\)](#)  
[Product Literature \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[3D Model](#)

**General**

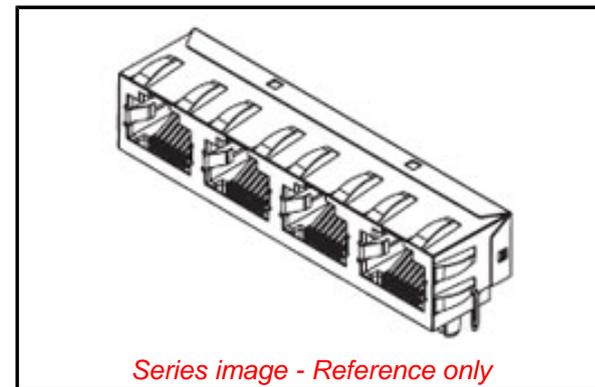
Product Family	Modular Jacks/Plugs
Series	<a href="#">44248</a>
Comments	Industry Compatible
Component Type	PCB Jack
Overview	RJ-45 Ethernet
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	RJ45

**Physical**

Boot Color	N/A
Color - Resin	Black
Color - Resin	Clear
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	Yes
Lightpipes/LEDs	Lightpipes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polycarbonate
Material - Resin	Polyester
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.57 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.040 In
Pitch - Mating Interface (mm)	1.02 mm
Pitch - Term. Interface (in)	0.040 In
Pitch - Term. Interface (mm)	1.02 mm
Plating min: Mating (µin)	50
Plating min: Mating (µm)	1.25
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
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

**Electrical**

CSA	LR19980
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*Series image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Halogen-Free  
Status**

**China RoHS**



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environmental compliance?**

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non-product compliance questions.

**Search Parts in this Series**

[44248 Series](#)

**Mates With**

FCC 68 Plugs

Current - Maximum	1.5A
Grounding to PCB	Yes
Shielded	Yes
UL	E107635
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**

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