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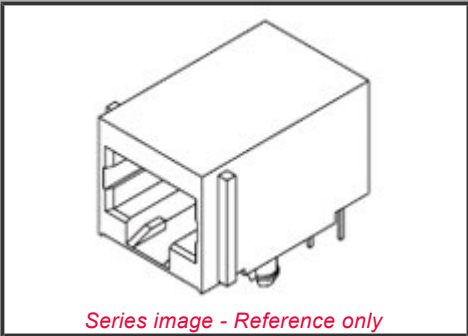
Part Number:  
**0432498104**

Status:  
**Active**

Overview:  
**RJ-45 Ethernet**

Description:  
Modular Jack, Right Angle, Low Profile, 8/8, Panel Stops

Documents: *Note - Please disable browser pop-up blockers for documents on www.molex.com*  
[Drawing \(PDF\)](#)   [Product Specification PSX-43249 \(PDF\)](#)   [3D](#)



**EU RoHS**  
ELV and RoHS  
Compliant

**REACH SVHC**  
Contains SVHC: No

**Halogen-Free**  
Status  
Not Halogen-Free



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General

Product Family	Modular Jacks/Plugs
Series	<a href="#">43249</a>
Component Type	PCB Jack
Overview	<a href="#">RJ-45 Ethernet</a>
Performance Category	3, 4
Power over Ethernet (PoE)	N/A
Product Name	RJ45

<b>Physical</b>	
Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	No
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
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)	0.050 In
Pitch - Term. Interface (mm)	1.27 mm
Plating min: Mating (µin)	50
Plating min: Mating (µm)	1.25
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Ports	1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A
<b>Electrical</b> (Please review the Product Specification for specific details.)	
Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	150V AC (RMS)

Agency Certification

CSA	LR19980
UL	E107635

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)
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Material Info

Reference - Drawing Numbers

Product Specification	PSX-43249
Sales Drawing	SDA-43249