

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0432498101](#)  
**Status:** **Active**  
**Overview:** [Magnetic and Modular Jacks and Plugs](#)  
**Description:** [Modular Jack, Right Angle, Low Profile, 8/10, Panel Stops](#)

**Documents:**

[3D Model](#) [Packaging Specification PK-43249-004 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PSX-43249-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E107635

**General**

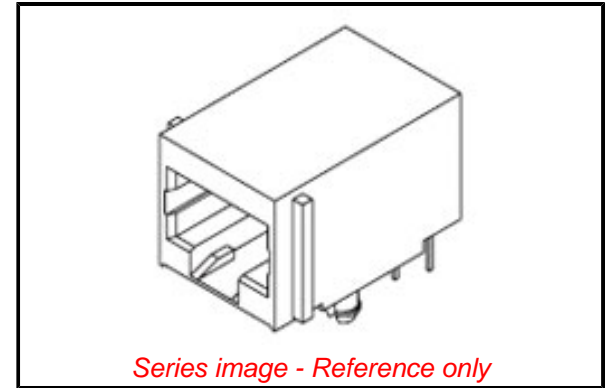
Product Family Modular Jacks/Plugs  
 Series [43249](#)  
 Component Type PCB Jack  
 Magnetic No  
 Overview [Magnetic and Modular Jacks and Plugs](#)  
 Performance Category 3, 4  
 Power over Ethernet (PoE) N/A  
 Product Name RJ45  
 UPC 800754365871

**Physical**

Boot Color N/A  
 Color - Resin Black  
 Durability (mating cycles max) 500  
 Flammability 94V-0  
 Inverted / Top Latch No  
 Jack Height 12.83mm  
 Lightpipes/LEDs None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 3.416/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 1.27mm  
 Plating min - Mating 1.270µm  
 Plating min - Termination 2.540µm  
 Ports 1  
 Positions / Loaded Contacts 8/10  
 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

**Electrical**

Current - Maximum per Contact 1.5A



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2017 (12  
 January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[43249 Series](#)

**Mates With**

FCC 68 Plugs

Shielded	No
Voltage - Maximum	150V AC (RMS)
<b>Solder Process Data</b>	
Lead-freeProcess Capability	WAVE
<b>Material Info</b>	
Engineering Number	A432498101
<b>Reference - Drawing Numbers</b>	
Packaging Specification	PK-43249-004
Product Specification	PSX-43249-001

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