

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

**Part Number:** [0432496101](#)  
**Status:** **Active**  
**Overview:** [Magnetic and Modular Jacks/Plugs](#)  
**Description:** [Modular Jack, Right-Angle, Low Profile, 6/6, 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**

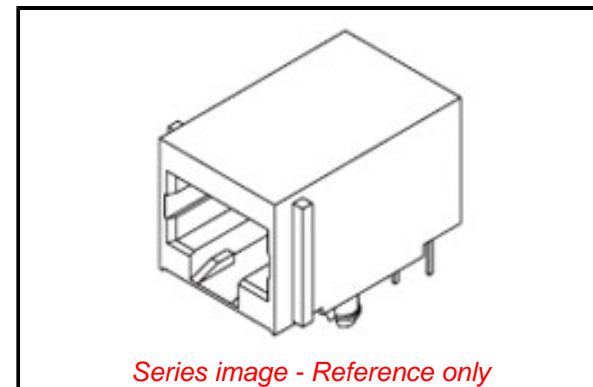
Product Family [Modular Jacks/Plugs](#)  
 Series [43249](#)  
 Component Type [PCB Jack](#)  
 Magnetic [No](#)  
 Overview [Magnetic and Modular Jacks/Plugs](#)  
 Performance Category [3](#)  
 Power over Ethernet (PoE) [N/A](#)  
 Product Name [Modular Jack 6/6](#)  
 UPC [800753850514](#)

**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 [2.927/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](#)  
 Port Configuration [1x1](#)  
 Positions / Loaded Contacts [6/6](#)  
 Surface Mount Compatible (SMC) [Yes](#)  
 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](#)



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/88/2018 (15  
 January 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

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)

**Solder Process Data**

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

**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-43249-004
Product Specification	PSX-43249-001
Sales Drawing	SDA-43249

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