

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

**Part Number:** [0432496104](#)  
**Status:** **Active**  
**Overview:** Magnetic and Modular Jacks/Plugs  
**Description:** Modular Jack, Right-Angle, Low Profile, 6/4, Flangeless

**Documents:**

|                                |  |
|--------------------------------|--|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PSX-43249-001 (PDF)</a>      |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification PK-43249-004-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E107635 |

**General**

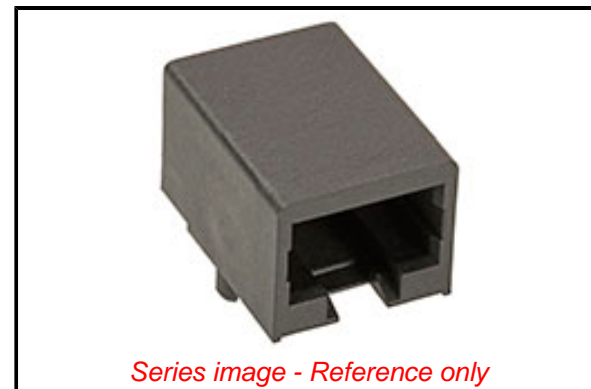
|                           |   |
|---------------------------|---|
| Product Family            | Modular Jacks/Plugs                     |
| Series                    | <a href="#">43249</a>                   |
| Component Type            | PCB Jack                                |
| Magnetic                  | No                                      |
| Overview                  | <u>Magnetic and Modular Jacks/Plugs</u> |
| Performance Category      | 3                                       |
| Power over Ethernet (PoE) | N/A                                     |
| Product Name              | Modular Jack 6/4                        |
| UPC                       | 800753850521                            |

**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                     | 2.840/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    | 6/4                            |
| 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 |
|-------------------------------|------|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**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

|                    |               |
|--------------------|---------------|
| Grounding to Panel | N/A           |
| Shielded           | No            |
| Voltage - Maximum  | 150V AC (RMS) |

**Solder Process Data**

|                             |      |
|-----------------------------|------|
| Lead-freeProcess Capability | WAVE |
|-----------------------------|------|

**Material Info**

**Reference - Drawing Numbers**

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

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