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**Part Number:** **0432238040**  
**Status:** **Active**  
**Overview:** Modular Jacks and Plugs  
**Description:** Modular Jack, Right Angle, Low Profile, 8/8, 8 Ports

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                 | <a href="#">Packaging Specification PK-43249-004 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Test Summary TS-43223-001 (PDF)</a>            |
| <a href="#">Product Specification PS-43223-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>       |

**Agency Certification**

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

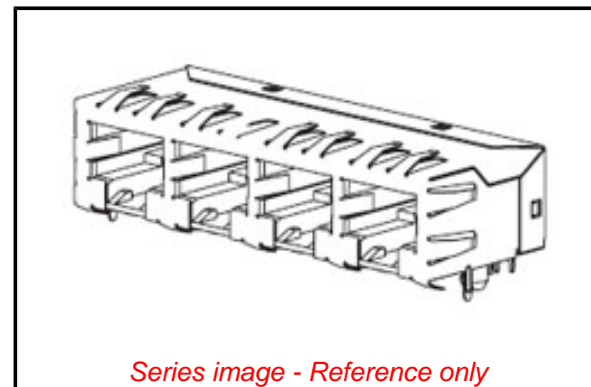
**General**

|                           |   |
|---------------------------|---|
| Product Family            | Modular Jacks/Plugs                     |
| Series                    | <a href="#">43223</a>                   |
| Comments                  | Flush Mount Flangeless External Shield  |
| Component Type            | PCB Jack                                |
| Magnetic                  | No                                      |
| Overview                  | <a href="#">Modular Jacks and Plugs</a> |
| Performance Category      | 3, 4                                    |
| Power over Ethernet (PoE) | N/A                                     |
| Product Name              | RJ45                                    |
| UPC                       | 800754382151                            |

**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                     | 22.706/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                          | 8                              |
| 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**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**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

Green Image

Not Relevant

**Search Parts in this Series**

[43223 Series](#)

**Mates With**

FCC 68 Plugs

|                               |               |
|-------------------------------|---------------|
| Current - Maximum per Contact | 1.5A          |
| 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**

|                 |            |
|-----------------|------------|
| Old Part Number | A432238040 |
|-----------------|------------|

**Reference - Drawing Numbers**

|                         |              |
|-------------------------|--------------|
| Packaging Specification | PK-43249-004 |
| Product Specification   | PS-43223-001 |
| Sales Drawing           | SDA-43223    |
| Test Summary            | TS-43223-001 |

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