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Part Number:

44520-0004

Status:

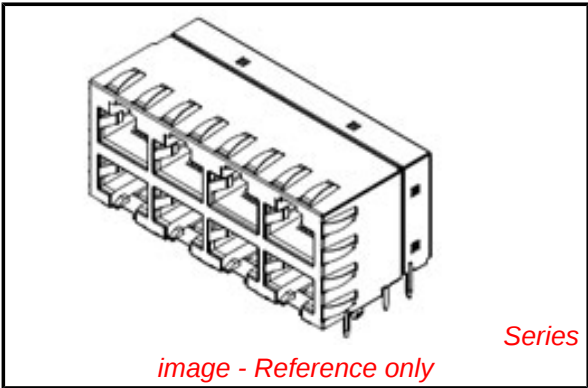
Active

Overview:

Modular Plugs - Jacks

Description:

Modular Jack, Right Angle, Shielded, Stacked, 8/8, 8 Ports



|                                                          |                                                      |
|----------------------------------------------------------|------------------------------------------------------|
| Documents:                                               |                                                      |
| <a href="#">3D Model</a>                                 | <a href="#">Test Summary TS-44170-001 (PDF)</a>      |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Product Specification PS-44050-003 (PDF)</a> |                                                      |

|                                |                          |
|--------------------------------|--------------------------|
| Agency Certification           |                          |
| CSA                            | LR19980                  |
| UL                             | E107635                  |
| General                        |                          |
| Product Family                 | Modular Jacks/Plugs      |
| Series                         | 44520                    |
| Comments                       | High Speed Multi-Port    |
| Component Type                 | PCB Jack                 |
| Magnetic                       | No                       |
| Overview                       | Modular Plugs - Jacks    |
| Performance Category           | 5, 5e                    |
| Power over Ethernet (PoE)      | N/A                      |
| Product Name                   | RJ45                     |
| UPC                            | 800753265233             |
| Physical                       |                          |
| Color - Resin                  | Black                    |
| Durability (mating cycles max) | 500                      |
| Flammability                   | 94V-0                    |
| Inverted / Top Latch           | Yes                      |
| Jack Height                    | 25.41mm                  |
| Lightpipes/LEDs                | None                     |
| Material - Metal               | Brass, Phosphor Bronze   |
| Material - Plating Mating      | Gold                     |
| Material - Plating Termination | Tin                      |
| Material - Resin               | Polyester                |
| Net Weight                     | 35.062/g                 |
| Orientation                    | Right Angle (Side Entry) |
| PCB Retention                  | Yes                      |
| PCB Thickness - Recommended    | 1.60mm                   |
| 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 +80°C           |
| Termination Interface: Style   | Through Hole             |
| Wire/Cable Type                | N/A                      |
| Electrical                     |                          |
| Current - Maximum per Contact  | 1.5A                     |
| Shielded                       | Yes                      |

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

44520Series

Mates With

FCC 68 Plugs

|                                    |                        |
|------------------------------------|------------------------|
| Voltage - Maximum                  | 125V                   |
| <b>Solder Process Data</b>         |                        |
| Lead-free Process Capability       | Wave Capable (TH only) |
| <b>Material Info</b>               |                        |
| <b>Reference - Drawing Numbers</b> |                        |
| Product Specification              | PS-44050-003           |
| Sales Drawing                      | SD-44520-001           |
| Test Summary                       | TS-44170-001           |

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