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Part Number:

0855435002

Status:

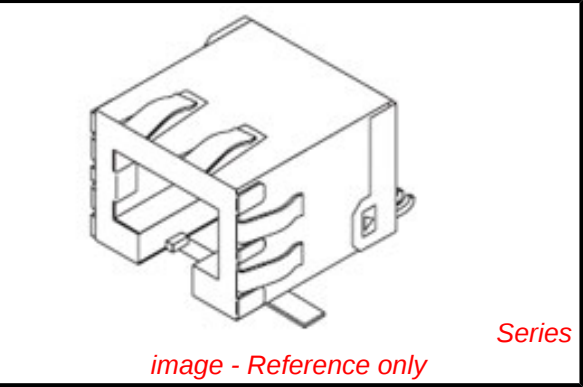
Active

Overview:

modular\_plugs\_jacks

Description:

Modular Jack, Right Angle, Fully Shielded, True SMT, BLI 13, Cat5



|                                                 |                                                          |
|-------------------------------------------------|----------------------------------------------------------|
| Documents:                                      |                                                          |
| <a href="#">Application Specification (PDF)</a> | <a href="#">Drawing (PDF)</a>                            |
| <a href="#">Packaging Specification (PDF)</a>   | <a href="#">Product Specification PS-85543-002 (PDF)</a> |
| <a href="#">3D Model</a>                        | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

|                                                |                                |
|------------------------------------------------|--------------------------------|
| General                                        |                                |
| Product Family                                 | Modular Jacks/Plugs            |
| Series                                         | 85543                          |
| Component Type                                 | PCB Jack                       |
| Magnetic                                       | No                             |
| Overview                                       | modular_plugs_jacks            |
| Performance Category                           | 5e                             |
| Power over Ethernet (PoE)                      | N/A                            |
| Product Name                                   | RJ45                           |
| Physical                                       |                                |
| Color - Resin                                  | Black                          |
| Durability (mating cycles max)                 | 500                            |
| Inverted / Top Latch                           | No                             |
| Lightpipes/LEDs                                | None                           |
| Material - Metal                               | Brass, Phosphor Bronze         |
| Material - Plating Mating                      | Gold                           |
| Material - Plating Termination                 | Tin                            |
| Material - Resin                               | High Temperature Thermoplastic |
| Orientation                                    | Right Angle (Side Entry)       |
| PCB Retention                                  | Yes                            |
| Packaging Type                                 | Embossed Tape on Reel          |
| Plating min: Mating (µin)                      | 50.8                           |
| Plating min: Mating (µm)                       | 1.27                           |
| Plating min: Termination (µin)                 | 76                             |
| Plating min: Termination (µm)                  | 1.9                            |
| Ports                                          | 1                              |
| Positions / Loaded Contacts                    | 8/8                            |
| Temperature Range - Operating                  | -40°C to +80°C                 |
| Termination Interface: Style                   | Surface Mount                  |
| Wire/Cable Type                                | N/A                            |
| Electrical                                     |                                |
| Current - Maximum per Contact                  | 1.5A                           |
| Shielded                                       | Yes                            |
| Voltage - Maximum                              | 125V AC                        |
| Solder Process Data                            |                                |
| Duration at Max. Process Temperature (seconds) | 45                             |
| Lead-free Process Capability                   | Reflow Capable (SMT only)      |
| Max. Cycles at Max. Process Temperature        | 3                              |
| Process Temperature max. C                     | 260                            |
| Material Info                                  |                                |
| Reference - Drawing Numbers                    |                                |
| Packaging Specification                        | PK-95122-002                   |

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

85543Series

Mates With

FCC 68 Plugs

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