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**Part Number:** [0855437002](#)  
**Status:** **Active**  
**Overview:** Magnetic and Modular Jacks/Plugs  
**Description:** Modular Jack, Cat5e, Right-Angle, True Surface Mount, 8/8, Shielded, 13" Reel

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>   | <a href="#">Packaging Specification PK-95122-002-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Datasheet (PDF)</a>                                |
| <a href="#">Product Specification PS-85543-002-001 (PDF)</a>     | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Application Specification AS-85513-001-001 (PDF)</a> |  |

**Agency Certification**

UL E107635

**General**

|                           |  |
|---------------------------|--|
| Product Family            | Modular Jacks/Plugs                            |
| Series                    | 85543  |
| Comments                  | Reflow Capable, External Shield, PCB Retention |
| Component Type            | PCB Jack                                       |
| Magnetic                  | No   |
| Overview                  | <u>Magnetic and Modular Jacks/Plugs</u>        |
| Performance Category      | 5e   |
| Power over Ethernet (PoE) | N/A  |
| Product Name              | Modular Jack 8/8, RJ45                         |
| UPC                       | 884982779631                                   |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Boot Color                     | N/A                            |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 2500                           |
| Flammability                   | 94V-0                          |
| Inverted / Top Latch           | No                             |
| Jack Height                    | 13.00mm                        |
| Lightpipes/LEDs                | None                           |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Gold over Palladium Nickel     |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 5.119/g                        |
| Orientation                    | Right Angle (Side Entry)       |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 1.02mm                         |
| Pitch - Termination Interface  | 1.27mm                         |
| Plating min - Mating           | 0.051µm, 0.600µm               |
| Plating min - Termination      | 1.905µm                        |
| Port Configuration             | 1x1                            |
| Positions / Loaded Contacts    | 8/8                            |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -40° to +85°C                  |
| Termination Interface: Style   | Surface Mount                  |
| Waterproof / Dustproof         | No                             |
| Wire/Cable Type                | N/A                            |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.5A |
| Grounding to PCB              | Yes  |



*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**

[85543 Series](#)

**Mates With**

[95043 Modular Plug, Short Body](#)

|                   |         |
|-------------------|---------|
| Shielded          | Yes     |
| Voltage - Maximum | 125V DC |

**Solder Process Data**

|  |        |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 040    |
| Lead-free Process Capability                   | REFLOW |
| Max. Cycles at Max. Process Temperature        | 003    |
| Process Temperature max. C                     | 260    |

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

|                           |                  |
|---------------------------|------------------|
| Application Specification | AS-85513-001-001 |
| Packaging Specification   | PK-95122-002-001 |
| Product Specification     | PS-85543-002-001 |
| Sales Drawing             | SD-85543-502-001 |

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