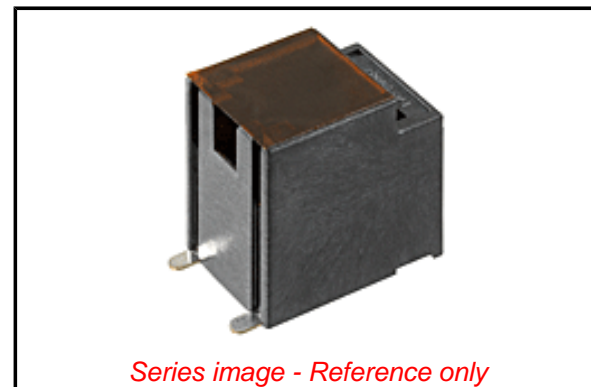


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**Part Number:** [0855135115](#)  
**Status:** **Active**  
**Overview:** [Modular Jacks and Plugs](#)  
**Description:** [Modular Jack, Vertical, Top Entry, Surface Mount, 6/4, Low Profile, Pick-and-Place Kapton Tape, 13" Reel](#)

**Documents:**

|                                                              |                                                      |
|--------------------------------------------------------------|------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Test Summary STR-1425 (PDF)</a>          |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Product Specification PS-85513-002 (PDF)</a>     | <a href="#">Product Literature (PDF)</a>             |
| <a href="#">Application Specification AS-85513-001 (PDF)</a> |                                                      |



**General**

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Product Family              | Modular Jacks/Plugs                     |
| Series                      | <a href="#">85513</a>                   |
| Comments                    | Reflow Capable, Small Panel Cutout      |
| Component Type              | PCB Jack                                |
| Magnetic                    | No                                      |
| Overview                    | <a href="#">Modular Jacks and Plugs</a> |
| Performance Category        | 3                                       |
| Power over Ethernet (PoE)   | N/A                                     |
| Product Literature Order No | 987650-8441                             |
| Product Name                | RJ11                                    |
| UPC                         | 887191677668                            |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Boot Color                     | N/A                            |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 2500                           |
| Inverted / Top Latch           | No                             |
| Jack Height                    | 12.70mm                        |
| Lightpipes/LEDs                | None                           |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Gold over Palladium Nickel     |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 2.370/g                        |
| Orientation                    | Vertical (Top Entry)           |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 1.02mm                         |
| Pitch - Termination Interface  | 1.27mm                         |
| Plating min - Mating           | 0.051µm, 1.016µm               |
| Plating min - Termination      | 1.905µm                        |
| Ports                          | 1                              |
| Positions / Loaded Contacts    | 6/4                            |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -40°C to +85°C                 |
| Termination Interface: Style   | Surface Mount                  |
| Waterproof / Dustproof         | No                             |
| Wire/Cable Type                | N/A                            |

**Electrical**

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 1.5A    |
| Shielded                      | No      |
| Voltage - Maximum             | 125V DC |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**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**

[85513](#) Series

**Mates With**

[90075](#) Modular Plug

**Use With**

[90075](#) Modular Plugs

**Material Info**

**Reference - Drawing Numbers**

|                           |              |
|---------------------------|--------------|
| Application Specification | AS-85513-001 |
| Product Specification     | PS-85513-002 |
| Sales Drawing             | SD-85513-010 |
| Test Summary              | STR-1425     |

This document was generated on 03/08/2016

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