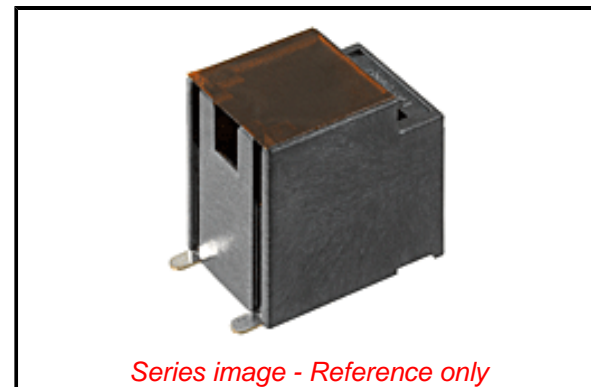


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Part Number: [0855135114](#)
Status: **Active**
Overview: [Magnetic and Modular Jacks and Plugs](#)
Description: Modular Jack, Vertical, Top Entry, Surface Mount, 6/6, Low Profile, Pick-and-Place Polyimide Tape, 13" Reel

Documents:

| | |
|--|--|
| 3D Model | Test Summary STR-1425-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-85513-002-001 (PDF) | Product Literature (PDF) |
| Application Specification AS-85513-001-001 (PDF) | |



General

| | |
|-----------------------------|--|
| Product Family | Modular Jacks/Plugs |
| Series | 85513 |
| Comments | Reflow Capable, Small Panel Cutout |
| Component Type | PCB Jack |
| Magnetic | No |
| Overview | Magnetic and Modular Jacks and Plugs |
| Performance Category | 3 |
| Power over Ethernet (PoE) | N/A |
| Product Literature Order No | 987650-8441 |
| Product Name | Modular Jack 6/6 |
| UPC | 887191677651 |

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 | 2.258/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 | 6/6 |
| 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/30/2017 (7 July 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

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

This document was generated on 08/29/2017

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