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Part Number:

0855135113

Status:

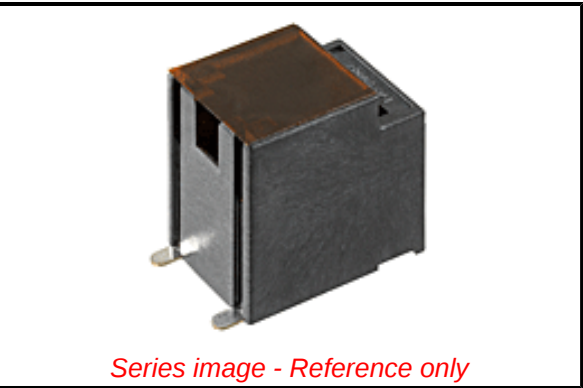
Active

Overview:

Magnetic and Modular Jacks and Plugs

Description:

Modular Jack, Vertical, Top Entry, Surface Mount, 8/8, Low Profile, Pick-and-Place Polyimide Tape, 13" Reel



Documents:

3D Model

Drawing (PDF)

Product Specification PS-85513-002-001 (PDF)

Application Specification AS-85513-001-001 (PDF)

Test Summary STR-1425-001 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (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 8/8                     |
| UPC                            | 887191677644                         |
| 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                     | 2.879/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    | 8/8                                  |
| 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

China RoHS

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](mailto: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     |

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