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Part Number: [0855085001](#)
Status: **Active**
Overview: [Magnetic and Modular Jacks and Plugs](#)
Description: [Modular Jack, Cat5e, Vertical, Top Entry, Through Hole, 8/8, Shielded, Tray](#)

Documents:

| | |
|--|--|
| 3D Model | Test Summary STR-1469-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-85508-001-001 (PDF) | Product Literature (PDF) |
| Application Specification AS-85513-001-001 (PDF) | |

Agency Certification

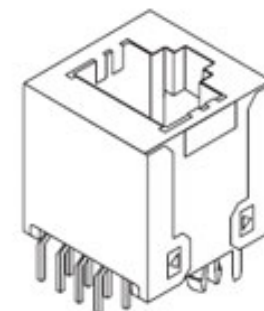
UL E107635

General

| | |
|-----------------------------|--|
| Product Family | Modular Jacks/Plugs |
| Series | 85508 |
| Comments | Reflow Capable, External Shield |
| Component Type | PCB Jack |
| Magnetic | No |
| Overview | Magnetic and Modular Jacks and Plugs |
| Performance Category | 5e |
| Power over Ethernet (PoE) | N/A |
| Product Literature Order No | 987650-8441 |
| Product Name | Modular Jack 8/8, RJ45 |
| UPC | 822350902779 |

Physical

| | |
|--------------------------------|--------------------------------|
| Boot Color | N/A |
| Color - Resin | Black |
| Durability (mating cycles max) | 2500 |
| Flammability | 94V-0 |
| Inverted / Top Latch | No |
| Jack Height | 16.50mm |
| 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 | 6.504/g |
| Orientation | Vertical (Top Entry) |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm |
| Packaging Type | Tray |
| 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) | No |
| Temperature Range - Operating | -40°C to +85°C |
| Termination Interface: Style | Through Hole |
| Waterproof / Dustproof | No |
| Wire/Cable Type | N/A |



Series image - Reference only

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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[85508](#) Series

Mates With

[95043](#) Modular Plug, Short Body

Electrical

| | |
|-------------------------------|---------|
| Current - Maximum per Contact | 1.5A |
| Grounding to PCB | Yes |
| Shielded | Yes |
| Voltage - Maximum | 125V DC |

Solder Process Data

| | |
|--|------|
| Duration at Max. Process Temperature (seconds) | 003 |
| Lead-free Process Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|------------------|
| Application Specification | AS-85513-001-001 |
| Product Specification | PS-85508-001-001 |
| Sales Drawing | SD-85508-501 |
| Test Summary | STR-1469-001 |

This document was generated on 03/07/2018

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