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Part Number: [0855025006](#)
Status: **Active**
Overview: [Magnetic and Modular Jacks and Plugs](#)
Description: [Modular Jack, Right-Angle, Surface Mount, 6/4, Low Profile, Tape & Reel](#)

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-85513-001-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-95501-001 (PDF) | Product Literature (PDF) |
| Product Specification STR-1413-001 (PDF) | |

Agency Certification

UL E107635

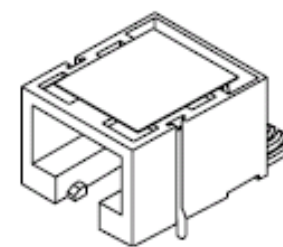
General

| | |
|-----------------------------|--|
| Product Family | Modular Jacks/Plugs |
| Series | 85502 |
| Comments | Reflow Capable |
| 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 6/4 |
| UPC | 822350900294 |

Physical

| | |
|--------------------------------|--------------------------------|
| Boot Color | N/A |
| Color - Resin | Black |
| Durability (mating cycles max) | 2500 |
| Flammability | 94V-0 |
| Inverted / Top Latch | No |
| Jack Height | 11.50mm |
| 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 | 2.139/g |
| Orientation | Right Angle (Side 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, 0.600µm |
| Plating min - Termination | 1.905µm |
| Ports | 1 |
| Positions / Loaded Contacts | 6/4 |
| 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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

[85502](#) Series

Mates With

[90075](#) Modular Plug

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

Solder Process Data

| | |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 045 |
| 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 |
| Product Specification | PS-95501-001, STR-1413-001 |
| Sales Drawing | SD-85502-101 |

This document was generated on 11/05/2018

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