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**Part Number:** **0855025008**  
**Status:** **Active**  
**Overview:** Magnetic and Modular Jacks/Plugs  
**Description:** Modular Jack, Right-Angle, Surface Mount, 8/8, Low Profile, Tape & Reel

**Documents:**

[3D Model](#) [Packaging Specification PK-85502-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)  
[Product Specification PS-95501-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-85513-001-001 \(PDF\)](#)

**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/Plugs  
Performance Category 3  
Power over Ethernet (PoE) N/A  
Product Name Modular Jack 8/8, RJ45  
UPC 822350901710

**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 2.413/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  
Port Configuration 1x1  
Positions / Loaded Contacts 8/8  
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**

Current - Maximum per Contact 1.5A



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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

Shielded  
Voltage - Maximum

No  
125V DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-85513-001-001
Packaging Specification	PK-85502-001
Product Specification	PS-95501-001
Sales Drawing	SD-85502-101-001

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