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**Part Number:** [0855437003](#)  
**Status:** **Active**  
**Overview:** Magnetic and Modular Jacks/Plugs  
**Description:** Modular Jack, Cat5e, Right-Angle, Through Hole, 8/8, Shielded, Spring, 13" Reel

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Application Specification AS-85513-001-001 \(PDF\)](#)

**Agency Certification**

UL E107635

**General**

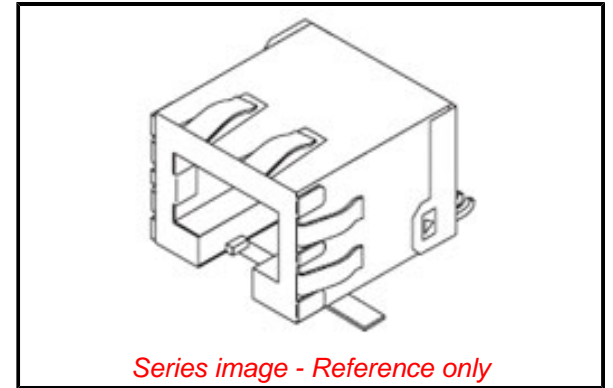
Product Family Modular Jacks/Plugs  
 Series [85543](#)  
 Comments Reflow Capable, External Shield, PCB Locator  
 Component Type PCB Jack  
 Magnetic No  
 Overview Magnetic and Modular Jacks/Plugs  
 Performance Category 5e  
 Power over Ethernet (PoE) N/A  
 Product Name Modular Jack 8/8, RJ45  
 UPC 884982779648

**Physical**

Boot Color N/A  
 Color - Resin Black  
 Durability (mating cycles max) 2500  
 Flammability 94V-0  
 Inverted / Top Latch No  
 Jack Height 13.00mm  
 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 5.314/g  
 Orientation Right Angle (Side Entry)  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.57mm  
 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) No  
 Temperature Range - Operating -40° to +85°C  
 Termination Interface: Style Through Hole  
 Waterproof / Dustproof No  
 Wire/Cable Type N/A

**Electrical**

Current - Maximum per Contact 1.5A  
 Grounding to PCB Yes



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)9139-DC (19  
 Jan 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**

[85543](#) Series

**Mates With**

[95043](#) Modular Plug, Short Body

Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	125V DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-85513-001-001
Sales Drawing	SD-85543-503

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