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**Part Number:** [0855055113](#)  
**Status:** **Active**  
**Overview:** [Modular Jacks and Plugs](#)  
**Description:** Modular Jack, Cat5e, Right Angle, Through Hole, 8/8, Low Profile, Shielded, Version A, Tube

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)

**Agency Certification**

UL E107635

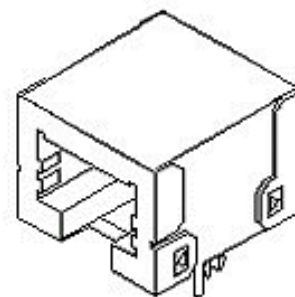
**General**

Product Family Modular Jacks/Plugs  
 Series [85505](#)  
 Comments Reflow Capable, External Shield  
 Component Type PCB Jack  
 Magnetic No  
 Overview [Modular Jacks and Plugs](#)  
 Performance Category 5e  
 Power over Ethernet (PoE) N/A  
 Product Literature Order No 987650-8441  
 Product Name RJ45  
 UPC 883906087623

**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 5.105/g  
 Orientation Right Angle (Side Entry)  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.57mm  
 Packaging Type Tube  
 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 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

**Electrical**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/21/2016 (20 June  
 2016)

**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

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[85505](#) Series

**Mates With**

[95043](#) Modular Plug, Short Body

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**

Sales Drawing	SD-85505-106
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