



**Part Number :** [855055113](#)

**Product Description :** Modular Jack, Cat5e, Right-Angle, Through Hole, 8/8, Low Profile, Shielded, Version A, Tube

**Series Number :** 85505

**Status :** Active

**Product Category :** Modular Jacks and Plugs

---

## Documents and Resources

### Drawings

[855055113 sd.pdf](#)

[PK-95122-006-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)


### Specifications

[PS-85543-002-001.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

### [Compliance Statements](#)

- EU RoHS

- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

Status	Active
Category	Modular Jacks and Plugs
Series	85505
Description	Modular Jack, Cat5e, Right-Angle, Through Hole, 8/8, Low Profile, Shielded, Version A, Tube
Comments	Reflow Capable, External Shield
Component Type	PCB Jack
Magnetic	No
Performance Category	5e
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8,RJ45
UPC	883906087623

### Agency

UL	E107635
----	---------

### Electrical

Current - Maximum per Contact	1.5A
Shielded	Yes
Voltage - Maximum	125V DC

## 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)
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
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
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

## Solder Process Data

Max-Duration	3
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

This document was generated on May 19, 2026