

Part Number: 85502-7009

Modular Jack, Right Angle, Low Profile, SMT, 4/4, Pin-in-Hole- Reflow, Cat 3 Jack with Palladium Nickel (PdNi) + Gold (Au) flash over Tin (Sn) Plating

Image not available

Status: **OBSOLETE**
Replacement: Contact Molex
Series: [85502](#)
Category: Modular Jacks/Plugs
Overview: [Modular Plugs - Jacks](#)

Series image - Reference only

Mates With Part(s):

[90075](#) Modular Plug

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant

China RoHS: 

REACH SVHC: Contains SVHC: No

Low-Halogen Status: Low-Halogen

Part Detail

General

Status	Obsolete
Category	Modular Jacks/Plugs
Series	85502
Component Type	PCB Jack
Magnetic	No
Overview	Modular Plugs - Jacks
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	RJ11
UPC	884982723825

Physical

Color - Resin	Black
Durability (mating cycles max)	2, 500
Flammability	94V-0
Inverted / Top Latch	No
Jack Height	11.50mm
Lightpipes/LEDs	None
Material - Metal	Copper Alloy
Material - Plating Mating	Palladium Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.853/g
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Ports	1
Positions / Loaded Contacts	4/4
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +80°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Electrical

(Please review the Product Specification for specific details.)

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

Agency Certification

CSA
UL

LR19980
E107635

Material Info

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)