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Part Number: 0855025012

Status: **Active**

Overview: modular plugs jacks

Modular Jack, Right Angle, Low Profile, SMT, 8/8, Pin-in-Hole- Reflow **Description:**

Documents:

3D Model Product Specification PS-85502-001 (PDF) Drawing (PDF) RoHS Certificate of Compliance (PDF)

Application Specification (PDF)

Agency Certification

E107635

General

Product Family Modular Jacks/Plugs

Series 85502 Pin and Paste Comments Component Type PCB Jack

Magnetic No

Overview modular_plugs_jacks

Performance Category 3 Power over Ethernet (PoE) N/A **Product Name** RJ45

Physical

Boot Color N/A Color - Resin Black Durability (mating cycles max) 500 Flammability 94V-0 Inverted / Top Latch No Lightpipes/LEDs None Material - Metal Brass Material - Plating Mating Gold

Material - Plating Termination Material - Resin High Temperature Thermoplastic

Tin

Right Angle (Side Entry) Orientation

PCB Locator Yes **PCB** Retention Yes PCB Thickness Recommended (in) 0.062 In PCB Thickness Recommended (mm) 1.57 mm

Packaging Type Embossed Tape on Reel

Pitch - Mating Interface (in) 0.040 In Pitch - Mating Interface (mm) 1.02 mm Pitch - Term. Interface (in) 0.050 In Pitch - Term. Interface (mm) 1.27 mm Plating min: Mating (µin) 120.00, 50.8 Plating min: Mating (µm) 1.27, 3.000 Plating min: Termination (µin) 120.00, 76 Plating min: Termination (µm) 1.9, 3.00 Ports 8/8

Positions / Loaded Contacts 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 image - Reference only

Series

EU RoHS China RoHS

ELV and RoHS Compliant **REACH SVHC Contains SVHC: No** Halogen-Free

Status Halogen-Free

Need more information on product environmental compliance?

Email productcompliance@molex.com For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series

85502 Series

Mates With FCC 68 Plugs

Electrical

Current - Maximum per Contact 1.5A Shielded

125V AC (RMS) Voltage - Maximum

Solder Process Data

Duration at Max. Process Temperature (seconds) 45

Reflow Capable (SMT only)

Lead-free Process Capability
Max. Cycles at Max. Process Temperature Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Packaging Specification PK-85502 Product Specification PS-85502-001 Sales Drawing SD-85502-103

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