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Part Number: [0855035001](#)
Status: **Active**
Overview: [modular_plugs_jacks](#)
Description: Modular Jack, High Speed, Right Angle, 8/8, Cat 5e, Through Hole, Gold (Au), Tin (Sn) over Nickel (Ni)

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Application Specification AS-85513-001 \(PDF\)](#)
[Test Summary STR-1181 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E107635

General

Product Family Modular Jacks/Plugs
Series [85503](#)
Component Type PCB Jack
Magnetic No
Overview [modular_plugs_jacks](#)
Performance Category 5e
Power over Ethernet (PoE) N/A
Product Name RJ45

Physical

Boot Color N/A
Color - Resin Black
Durability (mating cycles max) 750
Flammability 94V-0
Inverted / Top Latch No
Lightpipes/LEDs None
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Orientation Right Angle (Side Entry)
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.57mm
Packaging Type Tray
Pitch - Mating Interface 1.02mm
Pitch - Termination Interface 1.27mm
Plating min - Mating 1.270µm
Plating min - Termination 1.905µm
Ports 1
Positions / Loaded Contacts 8/8
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +80°C
Termination Interface: Style Through Hole
Waterproof / Dustproof No
Wire/Cable Type N/A

Electrical

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

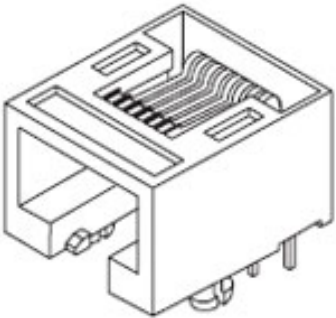


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Series

EU RoHS

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

China RoHS



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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

[85503Series](#)

Mates With

[95043](#) Modular Plug, Short Body

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-85513-001
Product Specification	RPS-85503-002
Sales Drawing	SD-85503-101
Test Summary	STR-1181

This document was generated on 01/24/2012

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