

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [95503-2881](#)
Status: **Active**
Overview: [Modular Plugs - Jacks](#)
Description: 8/8 Jack Through Hole No Key Version, Palladium Nickel (PdNi) Plated

Documents:

3D Model	Application Specification AS-85513-001 (PDF)
Drawing (PDF)	Test Summary STR-1181 (PDF)
Product Specification PS-95503-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E107635

General

Product Family	Modular Jacks/Plugs
Series	95503
Component Type	PCB Jack
Magnetic	No
Overview	Modular Plugs - Jacks
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	RJ45

Physical

Color - Resin	Black
Durability (mating cycles max)	750
Flammability	94V-0
Inverted / Top Latch	N/A
Jack Height	15.70mm
Keying to Mating Part	None
Lightpipes/LEDs	None
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Orientation	Vertical (Top 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)	Yes
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 DC

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



**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

[95503Series](#)

Mates With

[90075](#) Modular Plug

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	PS-95503-001
Sales Drawing	SD-95503-003
Test Summary	STR-1181

This document was generated on 04/02/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION