

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0955036891](#)
Status: **Active**
Overview: [Magnetic and Modular Jacks/Plugs](#)
Description: [Modular Jack, Vertical, Top Entry, Surface Mount, 8/8, Low Profile, Tube](#)

Documents:

Drawing (PDF)	Application Specification AS-85513-001-001 (PDF)
3D Model (PDF)	Packaging Specification PK-95003-003 (PDF)
3D Model	Datasheet (PDF)
Product Specification PS-95503-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E107635

General

Product Family	Modular Jacks/Plugs
Series	95503
Comments	Reflow Capable
Component Type	PCB Jack
Magnetic	No
Overview	Magnetic and Modular Jacks/Plugs
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8, RJ45
UPC	800756804378

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	2500
Flammability	94V-0
Inverted / Top Latch	No
Jack Height	15.70mm
Keying to Mating Part	None
Lightpipes/LEDs	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Palladium Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.900/g
Orientation	Vertical (Top Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tube
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.051µm, 1.016µm
Plating min - Termination	1.905µm
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire/Cable Type	N/A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[95503](#) Series

Mates With

[90075](#) Modular Plug

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Application Specification	AS-85513-001-001
Packaging Specification	PK-95003-003
Product Specification	PS-95503-001-001
Sales Drawing	SD-95503-003-001

This document was generated on 10/04/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[95503-6891](#)