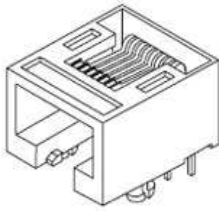


Part Number: 85503-0001

Modular Jack, Right Angle, Low Profile, 8/8, Cat5e



Series image - Reference only

Status:	OBSOLETE
Replacement:	855035001
Series:	85503
Category:	Modular Jacks/Plugs
Overview:	Modular Plugs - Jacks

Mates With Part(s):

FCC 68 Plugs

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant

China RoHS: 

REACH SVHC: Contains SVHC: No

Low-Halogen Status: Not Low-Halogen

Part Detail

General

Status	Obsolete
Category	Modular Jacks/Plugs
Series	85503
Comments	Flangeless
Component Type	PCB Jack
Magnetic	No
Overview	Modular Plugs - Jacks
Performance Category	5e
Power over Ethernet (PoE)	N/A
Product Name	RJ45
UPC	800753862524

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	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic, Polyester
Net Weight	3.128/g
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
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

(Please review the Product Specification for specific details.)

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

Agency Certification

CSA	LR19980
UL	E107635

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

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](#)