

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0855425003

Status:

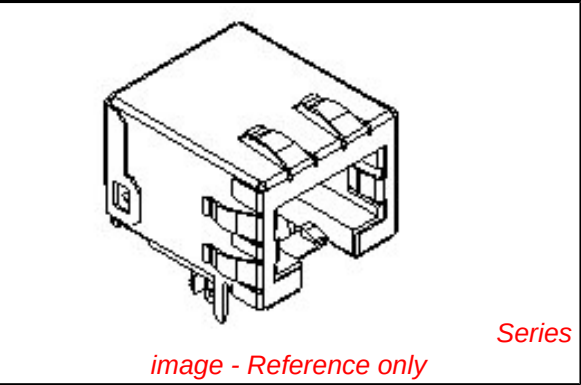
Active

Overview:

modular_plugs_jacks

Description:

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



Documents:

3D Model

Drawing (PDF)

Product Specification PS-95622-001 (PDF)

Application Specification AS-85513-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Modular Jacks/Plugs
Series	85542
Comments	Enhanced panel grounding tabs
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
Inverted / Top Latch	No
Lightpipes/LEDs	None
Material - Metal	Brass, 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 (.062")
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.02mm (.040")
Pitch - Termination Interface	1.27mm (.050")
Plating min - Mating	1.270µm (50µ")
Plating min - Termination	1.905µm (75µ")
Ports	1
Positions / Loaded Contacts	8/8
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

Electrical	
Current - Maximum per Contact	1.5A
Grounding to Panel	Additional Grounding Springs
Shielded	Yes
Voltage - Maximum	125V AC (RMS)

Solder Process Data	
Duration at Max. Process Temperature (seconds)	45

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

85542Series

Mates With

FCC 68 Jacks

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-95622-001
Sales Drawing	SD-85542-503

This document was generated on 10/27/2011

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

Molex:

85542-5003