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Part Number: [85543-7002](#)
Status: **Active**
Overview: [Modular Plugs - Jacks](#)
Description: Modular Jack, Right Angle, Fully Shielded, True SMT, BLI 13, Cat5, Palladium Nickel (PdNi)

Documents:

3D Model	Application Specification AS-85513-001 (PDF)
Drawing (PDF)	Test Summary STR-1423 (PDF)
Product Specification PS-85543-002 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E107635

General

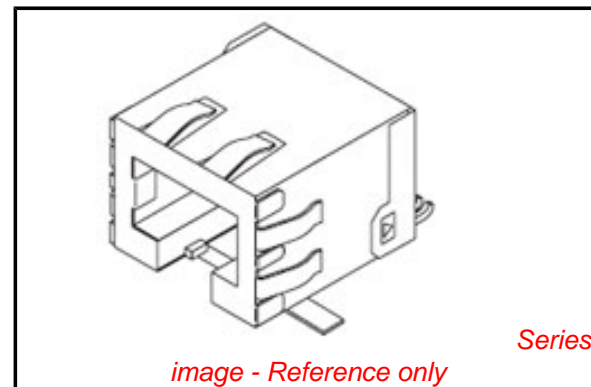
Product Family	Modular Jacks/Plugs
Series	85543
Component Type	PCB Jack
Magnetic	No
Overview	Modular Plugs - Jacks
Performance Category	5, 5e
Power over Ethernet (PoE)	N/A
Product Name	RJ45
UPC	884982779631

Physical

Color - Resin	Black
Durability (mating cycles max)	2,500
Flammability	94V-0
Inverted / Top Latch	No
Jack Height	13.00mm
Lightpipes/LEDs	None
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Palladium Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.119g
Orientation	Right Angle (Side Entry)
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
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	Surface Mount
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Electrical

Current - Maximum per Contact	1.5A
Shielded	Yes
Voltage - Maximum	125V DC



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

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

[85543Series](#)

Mates With

FCC 68 Plugs

Material Info

Reference - Drawing Numbers

Application Specification	AS-85513-001
Product Specification	PS-85543-002
Sales Drawing	SD-85543-502
Test Summary	STR-1423

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