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**Part Number:** [0855437001](#)  
**Status:** **Active**  
**Overview:** [Modular Jacks and Plugs](#)  
**Description:** [Modular Jack, Cat5e, Right Angle, Surface Mount, 8/8, Shielded, 13" Reel](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Test Summary STR-1423 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-85513-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>

**Agency Certification**

UL E107635

**General**

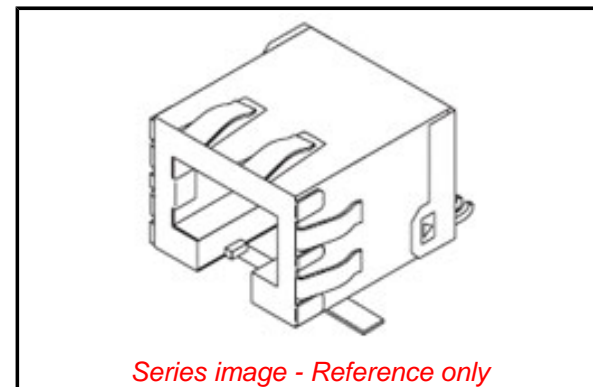
Product Family	Modular Jacks/Plugs
Series	85543
Comments	Reflow Capable, External Shield, PCB Retention
Component Type	PCB Jack
Magnetic	No
Overview	<a href="#">Modular Jacks and Plugs</a>
Performance Category	5e
Power over Ethernet (PoE)	N/A
Product Literature Order No	987650-8441
Product Name	RJ45
UPC	884982779624

**Physical**

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	2500
Flammability	94V-0
Inverted / Top Latch	No
Jack Height	13.00mm
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold over Palladium Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.174/g
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	0.051µm, 0.600µm
Plating min - Termination	1.905µm
Ports	1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire/Cable Type	N/A

**Electrical**

Current - Maximum per Contact	1.5A
Grounding to PCB	Yes



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[85543](#) Series

**Mates With**

[95043](#) Modular Plug, Short Body

Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	125V DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-85513-001
Sales Drawing	SD-85543-501
Test Summary	STR-1423

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