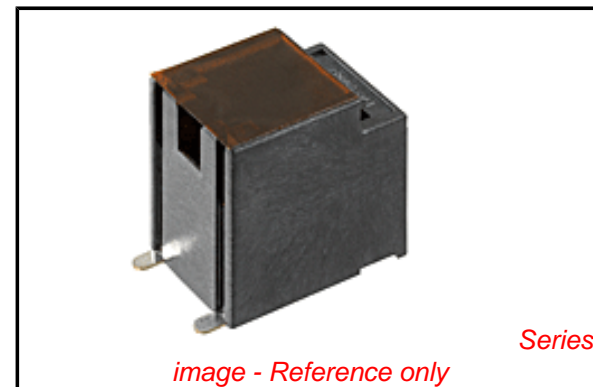


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**Part Number:** [85513-5109](#)  
**Status:** **Active**  
**Overview:** [Modular Plugs - Jacks](#)  
**Description:** Modular Jack, Low Profile Top Entry, SMT, 8/8 Circuits, Gold (Au), Pick-and-Place Kapton Tape, 22" Reel

**Documents:**

<a href="#">3D Model</a>	<a href="#">Test Summary STR-1425 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-85513-002 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Application Specification AS-85513-001 (PDF)</a>	



**General**

Product Family	Modular Jacks/Plugs
Series	85513
Comments	Small Panel Cutout
Component Type	PCB Jack
Magnetic	No
Overview	<a href="#">Modular Plugs - Jacks</a>
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Literature Order No	987651-0729
Product Name	RJ45
UPC	887191677408

**Physical**

Color - Resin	Black
Durability (mating cycles max)	1,250
Inverted / Top Latch	Yes
Jack Height	12.70mm
Lightpipes/LEDs	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.880/g
Orientation	Vertical (Top Entry)
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
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
Shielded	No
Voltage - Maximum	125V DC

**Material Info**

**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](mailto: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**

85513Series

**Mates With**

90075 Modular Plug

**Use With**

90075 Modular Plugs

## Reference - Drawing Numbers

Application Specification

AS-85513-001

Product Specification

PS-85513-002

Sales Drawing

SD-85513-010

Test Summary

STR-1425

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