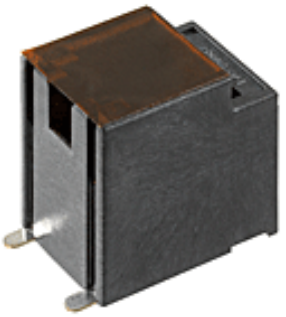
molex
one company > a world of innovation

This document was generated on 03/08/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0855105118
Status: Active
Overview: Magnetic and Modular Jacks and Plugs
Description: Modular Jack, Vertical, Top Entry, Surface Mount, 6/4, Solder Tabs, Pick-and-Place Polyimide Tape, 13" Reel



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-95503-001-001 (PDF)
- Application Specification AS-85513-001-001 (PDF)
- Test Summary STR-1429-001 (PDF)
- RoHS Certificate of Compliance (PDF)
- Product Literature (PDF)

General

Product Family	Modular Jacks/Plugs
Series	85510
Comments	Reflow Capable, Small Panel Cutout
Component Type	PCB Jack
Magnetic	No
Overview	Magnetic and Modular Jacks and Plugs
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Literature Order No	987650-8441
Product Name	Modular Jack 6/4
UPC	887191485218

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	2500
Inverted / Top Latch	No
Jack Height	15.70mm
Lightpipes/LEDs	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Palladium Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.600/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
Plating min - Mating	0.051µm, 1.016µm
Plating min - Termination	1.905µm
Ports	1
Positions / Loaded Contacts	6/4
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

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per -ED/01/2018 (15 January 2018)

Halogen-Free Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
85510 Series

Mates With
90075 Modular Plug

Use With
90075 Modular Plugs

Material Info

Reference - Drawing Numbers

Application Specification	AS-85513-001-001
Product Specification	PS-95503-001-001
Sales Drawing	SD-85510-002
Test Summary	STR-1429-001

This document was generated on 03/08/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION