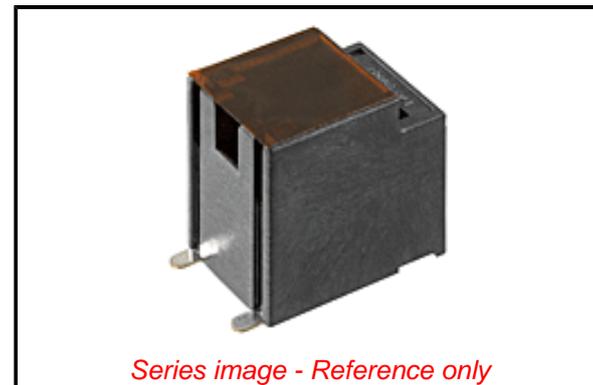


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Part Number: **0855105120**
Status: **Active**
Overview: Magnetic and Modular Jacks/Plugs
Description: Modular Jack, Vertical, Top Entry, Surface Mount, 8/8, Solder Tabs, Pick-and-Place Polyimide Tape, 13" Reel

Documents:

| | |
|--|--|
| 3D Model | Packaging Specification PK-85510-002 (PDF) |
| Drawing (PDF) | Test Summary STR-1429-001 (PDF) |
| Product Specification PS-95503-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-85513-001-001 (PDF) | Product Literature (PDF) |



General

| | |
|-----------------------------|--|
| Product Family | Modular Jacks/Plugs |
| Series | <u>85510</u> |
| Comments | Reflow Capable, Small Panel Cutout, Reflow Capable, Small Panel Cutout |
| Component Type | PCB Jack |
| Magnetic | No |
| Overview | <u>Magnetic and Modular Jacks/Plugs</u> |
| Performance Category | 3 |
| Power over Ethernet (PoE) | N/A |
| Product Literature Order No | 987650-8441 |
| Product Name | Modular Jack 8/8, RJ45 |
| UPC | 887191485171 |

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 | 3.132/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 |
| Port Configuration | 1x1 |
| Positions / Loaded Contacts | 8/8 |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -40° 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 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

85510 Series

Mates With

90075 Modular Plug

Use With

90075 Modular Plugs

Voltage - Maximum 125V DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 040
Lead-free Process Capability REFLOW
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

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

This document was generated on 07/08/2019

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