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Part Number:

85513-5001

Status:

Active

Overview:

Modular Plugs - Jacks

Description:

Modular Jack, Low Profile Top Entry, SMT, 8/8 Circuits, Gold (Au), Blister on 15" Reel

Documents:

3D Model

Drawing (PDF)

Product Specification PS-85513-002 (PDF)

Application Specification AS-85513-001 (PDF)

Test Summary STR-1425 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E107635

General

Product Family

Series

Comments

Component Type

Magnetic

Overview

Performance Category

Power over Ethernet (PoE)

Product Name

UPC

Modular Jacks/Plugs

85513

Small Panel Cutout

PCB Jack

No

Modular Plugs - Jacks

3

N/A

RJ45

822350803496

Physical

Color - Resin

Durability (mating cycles max)

Flammability

Inverted / Top Latch

Jack Height

Lightpipes/LEDs

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Ports

Positions / Loaded Contacts

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Waterproof / Dustproof

Wire/Cable Type

Black

500

94V-0

N/A

12.70mm

None

Copper Alloy

Gold

Tin

High Temperature Thermoplastic

2.879/g

Vertical (Top Entry)

No

Yes

Embossed Tape on Reel

1.02mm

1.27mm

1

8/8

Yes

-40°C to +85°C

Surface Mount

No

N/A

Electrical

Current - Maximum per Contact

Shielded

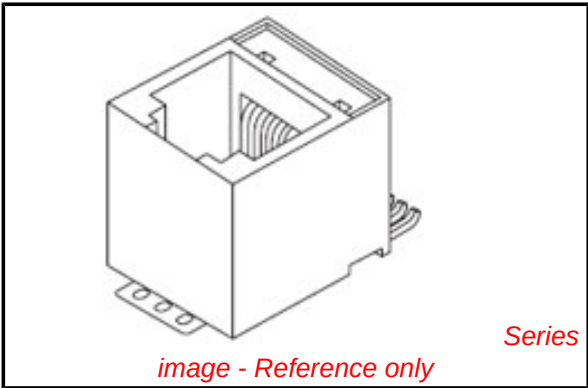
Voltage - Maximum

1.5A

No

125V DC

Solder Process Data



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

|                                                |                           |
|------------------------------------------------|---------------------------|
| Duration at Max. Process Temperature (seconds) | 45                        |
| Lead-free Process Capability                   | Reflow Capable (SMT only) |
| Max. Cycles at Max. Process Temperature        | 3                         |
| Process Temperature max. C                     | 260                       |

**Material Info**

**Reference - Drawing Numbers**

|                           |              |
|---------------------------|--------------|
| Application Specification | AS-85513-001 |
| Product Specification     | PS-85513-002 |
| Sales Drawing             | SD-85513-010 |
| Test Summary              | STR-1425     |

This document was generated on 03/10/2014

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