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Part Number:

0855135001

Status:

Active

Overview:

Magnetic and Modular Jacks/Plugs

Description:

Modular Jack, Vertical, Top Entry, Surface Mount, 8/8, Low Profile, 15" Reel

Documents:

3D Model (PDF)

Application Specification AS-85513-001-001 (PDF)

3D Model

Packaging Specification PK-85513-001-001 (PDF)

Drawing (PDF)

Datasheet (PDF)

Product Specification PS-85513-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

85513

Comments

Reflow Capable, Small Panel Cutout

Component Type

PCB Jack

Magnetic

No

Overview

Magnetic and Modular Jacks/Plugs

Performance Category

3

Power over Ethernet (PoE)

N/A

Product Name

Modular Jack 8/8, RJ45

Taxonomy

Modular Jacks and Plugs

UPC

822350803496

Physical

Boot Color

N/A

Color - Resin

Black

Durability (mating cycles max)

2500

Flammability

94V-0

Inverted / Top Latch

No

Jack Height

12.70mm

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

2.879/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

85513 Series

Mates With

90075 Modular Plug

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 1.5A    |
| Shielded                      | No      |
| Voltage - Maximum             | 125V DC |

**Solder Process Data**

|                                                |        |
|------------------------------------------------|--------|
| Duration at Max. Process Temperature (seconds) | 045    |
| Lead-freeProcess Capability                    | REFLOW |
| Max. Cycles at Max. Process Temperature        | 003    |
| Process Temperature max. C                     | 260    |

**Material Info**

**Reference - Drawing Numbers**

|                           |                  |
|---------------------------|------------------|
| Application Specification | AS-85513-001-001 |
| Packaging Specification   | PK-85513-001-001 |
| Product Specification     | PS-85513-002-001 |
| Sales Drawing             | SD-85513-010-001 |

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