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Part Number:

0481460001

Status:

Active

Overview:

modular_plugs_jacks

Description:

Modular Jack, Right Angle, Low Profile, Inverted, Shielded, with LEDs, 8/8, LED Color: Left and Right (Green), Lead Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-48146-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Comments

Component Type

Magnetic

Overview

Performance Category

Power over Ethernet (PoE)

Product Name

Modular Jacks/Plugs

48146

With LED

PCB Jack

No

modular_plugs_jacks

5

N/A

RJ45

Physical

Boot Color

Color - Resin

Durability (mating cycles max)

Inverted / Top Latch

Keying to Mating Part

Lightpipes/LEDs

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Orientation

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Ports

Positions / Loaded Contacts

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Wire/Cable Type

N/A

Black

750

Yes

Yes

LEDs

Brass, Phosphor Bronze

Gold

Tin

High Temperature Thermoplastic

Right Angle (Side Entry)

Yes

Yes

0.062 In

1.60 mm

Tray

Without Flange

0.080 In

2.03 mm

0.080 In

2.03 mm

50

1.27

100

2.54

1

8/8

No

-40°C to +85°C

Through Hole

N/A

Electrical

Current - Maximum per Contact

1.5A



image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email 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

48146Series

Mates With

FCC 68 Plugs

Grounding to PCB	No
Grounding to Panel	Panel Ground Tab
Shielded	Yes
Voltage - Maximum	150V AC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-48146-001
Product Specification	PS-48146-001
Sales Drawing	SD-48146-001
Test Summary	TS-48146-001

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