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Part Number: **0481460010**
Status: **Active**
Overview: modular_plugs_jacks
Description: Modular Jack, Right Angle, Low Profile, Inverted, Shielded, with LEDs, 8/8, LED Color: Left (Amber), Right (Green), Lead Free

Documents:

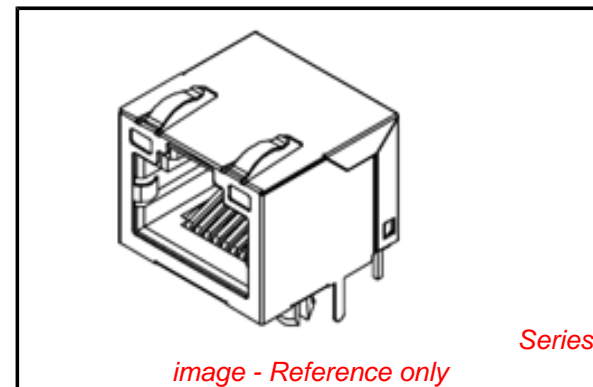
[3D Model](#) [Product Specification PS-48146-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Modular Jacks/Plugs
Series	48146
Comments	With LED
Component Type	PCB Jack
Magnetic	No
Overview	<u>modular_plugs_jacks</u>
Performance Category	5
Power over Ethernet (PoE)	N/A
Product Name	RJ45
Physical	
Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Keying to Mating Part	Yes
Lightpipes/LEDs	LEDs
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Panel Mount	Without Flange
Pitch - Mating Interface (in)	0.080 In
Pitch - Mating Interface (mm)	2.03 mm
Pitch - Term. Interface (in)	0.080 In
Pitch - Term. Interface (mm)	2.03 mm
Plating min: Mating (µin)	50
Plating min: Mating (µm)	1.27
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.54
Ports	1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole
Wire/Cable Type	N/A

Electrical

Current - Maximum per Contact 1.5A



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
**Halogen-Free
Status**
Not Reviewed

China RoHS



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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
Grounding to Panel
Shielded
Voltage - Maximum

No
Panel Ground Tab
Yes
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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