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Part Number: 48146-0010
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

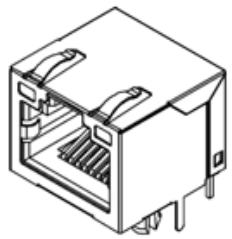

image - Reference only

Series

Documents:

3D Model
Drawing (PDF)
Product Specification PS-48146-001 (PDF)
Test Summary TS-48146-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Modular Jacks/Plugs
Series	48146
Comments	With LED
Component Type	PCB Jack
Magnetic	No
Overview	Modular Plugs - Jacks
Performance Category	5
Power over Ethernet (PoE)	N/A
Product Name	RJ45
UPC	822350824217

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Jack Height	13.21mm
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
Net Weight	6.568/g
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Panel Mount	Without Flange
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.02mm
Plating min - Mating	1.270µm
Plating min - Termination	2.540µm
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
Grounding to PCB	No

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Low-Halogen 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

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Grounding to Panel	Panel Ground Tab
Shielded	Yes
Voltage - Maximum	150V AC

Material Info

Reference - Drawing Numbers

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

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