



Part Number : 480250091

Product Description : Modular Jack, Right-Angle, 10/100, with Integrated Magnetic and LED, 8/8, Tail Length 3.18mm for IR Reflow, Lead-Free

Series Number : 48025

Status : Active

Product Category : Modular Jacks and Plugs

Documents & Resources

Drawings

Drawing 480250091\_sd.pdf

Packaging Design Drawing PK-48025-001-001.pdf

3D Models and Design Files

3D Model 480250091\_stp.zip


Specifications

Product Specification PS-48025-005-001.pdf

Test Summary TS-48025-007-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Modular Jacks and Plugs
Series	48025
Description	Modular Jack, Right-Angle, 10/100, with Integrated Magnetic and LED, 8/8, Tail Length 3.18mm for IR Reflow, Lead-Free
Comments	With LED
Component Type	PCB Jack
Keyword	MagJack, Mag Jack, Magnetic Jack, MagJacks, Mag Jacks, Magnetic Jacks, Mag-Jack
Magnetic	Yes
Performance Category	5, 5e
Power over Ethernet (PoE)	Non-PoE
Product Family	Magnetic Jacks
Product Name	Magnetic Jack,RJ45
UPC	822350847971

#### Agency

CSA	LR19980
UL	E107635

#### Electrical

Current - Maximum per Contact	1.5A
Grounding to Panel	Panel Ground Tab
Grounding to PCB	Yes
Shielded	Yes
Voltage - Maximum	150V AC (RMS)

## Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	750
Flammability	94V-0
Inverted / Top Latch	Yes
Jack Height	13.30mm
Keying to Mating Part	Yes
Lightpipes/LEDs	LEDs
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	6.669/g
Orientation	Right Angle (Side Entry)
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Temperature Range - Operating	-40° to +70°C
Termination Interface Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

## Solder Process Data

Max-Duration	3
Lead-Free Process Capability	REFLOW
Max-Cycle	2
Max-Temp	260

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# Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCC 68 Plugs