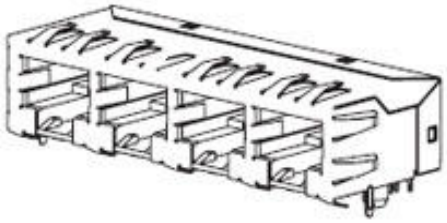
Part Number : 441500001
Product Description : Modular Jack, Right-Angle, Low Profile, 8/8, 2 Ports
Series Number : 44150
Status : Active
Product Category : Modular Jacks and Plugs



Documents and Resources

Drawings

441500001_sd.pdf

PK-44150-005-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-44050-003-001.pdf

TS-44050-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

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- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Modular Jacks and Plugs
Series	44150
Description	Modular Jack, Right-Angle, Low Profile, 8/8, 2 Ports
Comments	External Shield
Component Type	PCB Jack
Magnetic	No
Performance Category	5, 5e
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8,RJ45
UPC	800754812597

Agency

CSA	LR19980
UL	E107635

Electrical

Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	150V AC (RMS)

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Physical

Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	No
Jack Height	12.83mm
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	6.000/g
Orientation	Right Angle (Side Entry)
Packaging Type	Tray
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	1.270µm
Plating min - Termination	2.540µm
Port Configuration	1x2
Positions / Loaded Contacts	8/8
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole
Wire/Cable Type	N/A

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

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Description	Part Number
Mates With	FCC 68 Plugs

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