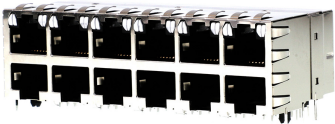




Part Number : [441700002](#)
Product Description : Modular Jack, Right-Angle, Shielded, Lightpipes, Stacked, 8/8, 12 Ports
Series Number : 44170
Status : Active
Product Category : Modular Jacks and Plugs



Documents & Resources

Drawings
[Drawing 441700002_sd.pdf](#)
[Packaging Design Drawing PK-44170-003-001.pdf](#)

3D Models and Design Files
[3D Model 441700002_stp.zip](#)

Specifications
[Application Specification AS-43860-001-001.pdf](#)
[Product Specification PS-44050-003-001.pdf](#)
[Test Summary TS-44170-001-001.pdf](#)
[Test Summary TS-44050-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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

Part Details

General

Status	Active
Category	Modular Jacks and Plugs
Series	44170
Description	Modular Jack, Right-Angle, Shielded, Lightpipes, Stacked, 8/8, 12 Ports
Comments	High Speed, Multi-Port
Component Type	PCB Jack
Magnetic	No
Performance Category	5, 5e
Power over Ethernet (PoE)	N/A
Product Family	Magnetic and Modular Jacks/Plugs
Product Name	Modular Jack 8/8,RJ45
UPC	800753002487

Agency

CSA	LR19980
UL	E107635

Electrical

Current - Maximum per Contact	1.5A
Shielded	Yes
Voltage - Maximum	125V

Physical

Color - Resin	Black, Clear
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Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	Yes
Jack Height	25.41mm
Lightpipes/LEDs	Lightpipes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polycarbonate, Polyester
Net Weight	63.099g
Orientation	Right Angle (Side Entry)
Packaging Type	Tray
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	1.270µm
Plating min - Termination	2.540µm
Port Configuration	2x6
Positions / Loaded Contacts	8/8
Temperature Range - Operating	-40° to +80°C
Termination Interface Style	Through Hole
Wire/Cable Type	N/A

Solder Process Data

Lead-Free Process Capability	WAVE
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Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCC 68 Plugs