Part Number : 445200001
Product Description : Modular Jack, Right-Angle, Shielded, Stacked, 8/8, 8 Ports
Series Number : 44520
Status : Active
Product Category : Modular Jacks and Plugs



Documents and Resources

Drawings

445200001_sd.pdf

PK-44520-003-001.pdf

PK-44520-003-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-44050-003-001.pdf

TS-44050-001-001.pdf

TS-44170-001-001.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)4165-DC (25 June 2025)

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EU RoHS	Compliant per EU 2015/863

Compliance Statements
- EU RoHS
- 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	44520
Description	Modular Jack, Right-Angle, Shielded, Stacked, 8/8, 8 Ports
Comments	High Speed, Multi-Port
Component Type	PCB Jack
Magnetic	No
Performance Category	5, 5e
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8,RJ45
UPC	800753265165

Agency

CSA	LR19980
UL	E107635

Electrical

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

Physical

Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	Yes
Jack Height	25.41mm
Lightpipes/LEDs	None
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	35.586/g
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	2x4
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

Mates With / Use With

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Mates with Part(s)

Description	Part Number
Mates With	FCC 68 Plugs

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