



Part Number : [2244610001](#)
Product Description : Modular Jack, In-line Coupler,
8/8
Series Number : 224461
Status : Active
Product Category : Modular Jacks and Plugs



Documents and Resources

Drawings

[2244610001_sd.pdf](#)
[2244610001-K.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	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
- 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	224461
Description	Modular Jack, In-line Coupler, 8/8
Component Type	In-Line Coupler
Magnetic	No
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	In-line Coupler,RJ45
UPC	196823498145

Electrical

Current - Maximum per Contact	1.0A
Grounding to Panel	N/A
Grounding to PCB	N/A
Shielded	N/A
Voltage - Maximum	100V DC

Physical

Color - Resin	Black
Durability (mating cycles max)	750
Inverted / Top Latch	N/A
Jack Height	16.26mm
Keying to Mating Part	No
Lightpipes/LEDs	None

Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polycarbonate
Net Weight	5.500/g
Orientation	Right Angle (Side Entry)
Packaging Type	Tray
Panel Mount	Yes
PCB Locator	N/A
PCB Retention	N/A
PCB Thickness - Recommended	N/A
Pitch - Mating Interface	1.02mm
Plating min - Mating	1.270µm
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Temperature Range - Operating	0° to +70°C
Termination Interface Style	N/A
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	IEC 60603-7 / TIA-1096-A Compliant Plugs

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