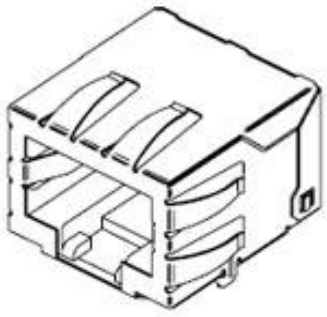
Part Number : 442821104
Product Description : Modular Jack, Right-Angle, LCP, Surface Mount, 8/8, 1.27µm Gold Plating, with Location Tabs
Series Number : 44282
Status : Active
Product Category : Modular Jacks and Plugs



Documents and Resources

Drawings

442821104_sd.pdf

708737011-000.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	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
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	44282
Description	Modular Jack, Right-Angle, LCP, Surface Mount, 8/8, 1.27µm Gold Plating, with Location Tabs
Component Type	PCB Jack
Magnetic	No
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8
UPC	191128863551

Electrical

Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	125V

Physical

Color - Resin	Black
Durability (mating cycles max)	500
Inverted / Top Latch	No
Jack Height	13.45mm
Lightpipes/LEDs	None

Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	4.078/g
Orientation	Right Angle (Side Entry)
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	1.270µm
Plating min - Termination	2.540µm
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Temperature Range - Operating	-40° to +80°C
Termination Interface Style	Surface Mount
Wire/Cable Type	N/A