



Part Number : [855427003](#)

Product Description : Modular Jack, Right-Angle, Through Hole, 8/8, Shielded, with Front Shield Springs, Reel

Series Number : 85542

Status : Active

Product Category : Modular Jacks and Plugs

Documents & Resources

Drawings


[Drawing 855427003_sd.pdf](#)

3D Models and Design Files

[3D Model 855427003_stp.zip](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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	85542
Description	Modular Jack, Right-Angle, Through Hole, 8/8, Shielded, with Front Shield Springs, Reel
Comments	Reflow Capable, External Shield, Enhanced panel grounding tabs
Component Type	PCB Jack
Magnetic	No
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Family	Magnetic and Modular Jacks/Plugs
Product Name	Modular Jack 8/8,RJ45
UPC	884982730526

Electrical

Current - Maximum per Contact	1.5A
Grounding to Panel	Additional Grounding Springs
Shielded	Yes
Voltage - Maximum	125V DC

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	2500
Inverted / Top Latch	No
Jack Height	13.00mm
Lightpipes/LEDs	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Palladium Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic

Net Weight	5.000/g
Orientation	Right Angle (Side Entry)
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.051μm, 0.600μm
Plating min - Termination	1.905μm
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A