Part Number : 855025009
Product Description : Modular Jack, Right-Angle, Surface Mount, 4/4, Low Profile, Pin-in-Hole-Reflow,Tape & Reel
Series Number : 85502
Status : Active
Product Category : Modular Jacks and Plugs



Documents & Resources

Drawings

855025009_sd.pdf

PK-85502-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

AS-85513-001-001.pdf

PS-95501-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
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)4165-DC (25 June 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	85502
Description	Modular Jack, Right-Angle, Surface Mount, 4/4, Low Profile, Pin-in-Hole-Reflow,Tape & Reel
Comments	Reflow capable
Component Type	PCB Jack
Magnetic	No
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 4/4
UPC	822350870511

Agency

UL	E107635

Electrical

Current - Maximum per Contact	1.5A
Shielded	No

Voltage - Maximum	125V DC

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	2500
Flammability	94V-0
Inverted / Top Latch	No
Jack Height	11.50mm
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	1.853/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	4/4
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Solder Process Data

Max-Duration	45
Lead-Free Process Capability	REFLOW
Max-Cycle	3

Max-Temp	260