molex

Part Number : 432496104
Product Description : Modular Jack, Right-Angle, Low Profile, 6/4, Flangeless
Series Number : 43249
Status : Active
Product Category : Modular Jacks and Plugs

Documents & Resources

Drawings

432496104_sd.pdf

PK-43249-004-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PSX-43249-001.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)
EU RoHS	Compliant per EU 2015/863

Compliance Statements
- EU RoHS
- REACH SVHC

- Low-Halogen

<u>Industry Documents</u>
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

<u>Substances of Interest</u>
- PFAS

<u>EU RoHS Certificate of Compliance</u>

<u>Additional Product Compliance Information</u>

Part Details

General

Status	Active
Category	Modular Jacks and Plugs
Series	43249
Description	Modular Jack, Right-Angle, Low Profile, 6/4, Flangeless
Component Type	PCB Jack
Magnetic	No
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 6/4
UPC	800753850521

Agency

CSA	LR19980
UL	E107635

Electrical

Current - Maximum per Contact	1.5A
Grounding to Panel	N/A
Shielded	No
Voltage - Maximum	150V AC (RMS)

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	No
Jack Height	12.83mm
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.840/g
Orientation	Right Angle (Side Entry)
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
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	6/4
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Solder Process Data

Lead-Free Process Capability	WAVE

Mates With / Use With

Mates with Part(s)

Description	Part Number

Mates With	FCC 68 Plugs