molex®
one company ▸ a world of innovation

Part Number: **0432498119**

Status: **Active**

Overview: Modular Jacks and Plugs
Description: Modular Jack, Right Angle, Low Profile, 8/4, Flangeless

Documents:

3D Model
Drawing (PDF)
Product Specification PSX-43249 (PDF)

Packaging Specification PK-43249-004 (PDF)
RoHS Certificate of Compliance (PDF)

Series image - Reference only

Agency Certification
CSA	LR19980
UL	E107635

General
Product Family	Modular Jacks/Plugs
Series	43249
Component Type	PCB Jack
Magnetic	No
Overview	Modular Jacks and Plugs
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	RJ45
UPC	800753850866

Physical
Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	No
Jack Height	12.83mm
Keying to Mating Part	None
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	Without Flange
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	1.270μm
Plating min - Termination	2.540μm
Ports	1
Positions / Loaded Contacts	8/4
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Electrical
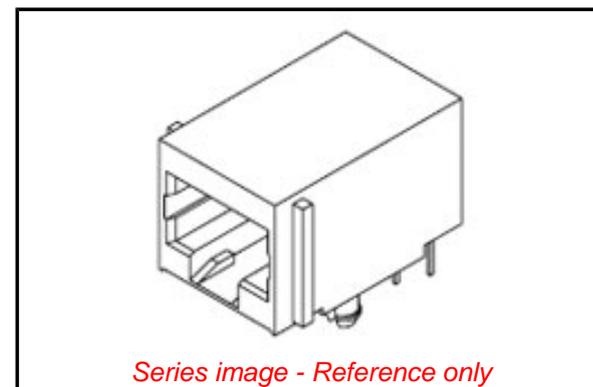
EU ELV
Not Relevant

EU RoHS   **China RoHS**
Not Reviewed
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed
Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any
non-product compliance questions.

China ROHS	Not Reviewed
ELV	Not Relevant

Search Parts in this Series
43249 Series

Mates With
FCC 68 Plugs

Current - Maximum per Contact	1.5A
Grounding to PCB	No
Grounding to Panel	None
Shielded	No
Voltage - Maximum	150V AC (RMS)

Solder Process Data

Lead-freeProcess Capability	WAVE

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43249-004
Product Specification	PSX-43249
Sales Drawing	SDA-43249

This document was generated on 06/09/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex](#):
  [43249-8119](#)