

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0441930003**
Status: **Active**
Overview: Magnetic and Modular Jacks/Plugs
Description: Modular Jack, Right-Angle, Low Profile, Surface Mount, 8/8, 2 Ports

Documents:

3D Model	Packaging Specification PK-70873-700-001 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-700X (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-43743-0001-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E107635

General

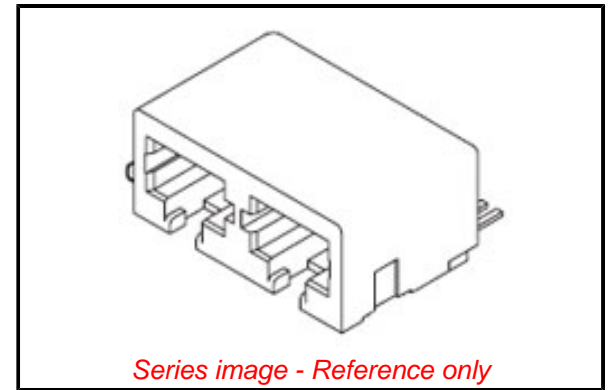
Product Family	Modular Jacks/Plugs
Series	44193
Comments	Flush Solder Tabs
Component Type	PCB Jack
Magnetic	No
Overview	<u>Magnetic and Modular Jacks/Plugs</u>
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8, RJ45
UPC	800754802406

Physical

Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	No
Jack Height	11.80mm
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.175/g
Orientation	Right Angle (Side Entry)
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	1.270µm
Plating min - Termination	2.540µm
Port Configuration	1x2
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40° to +80°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	N/A

Electrical

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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[44193 Series](#)

Mates With

FCC 68 Plugs

Solder Process Data

Duration at Max. Process Temperature (seconds)	030
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-70873-700+-001, PK-70873-700X
Product Specification	PS-43743-0001-001
Sales Drawing	SD-44193-001, SD-44193-001-002

This document was generated on 11/26/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[44193-0003](#)