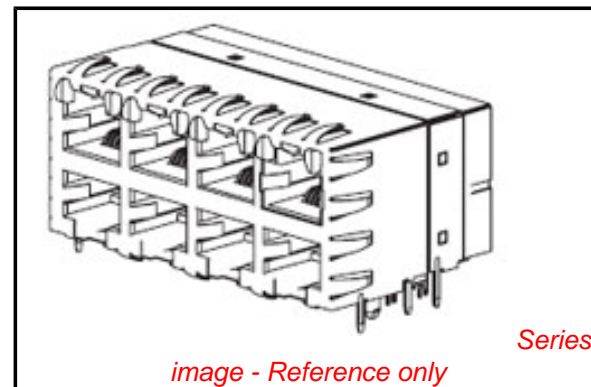


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [44170-0001](#)
Status: **Active**
Overview: [Modular Plugs - Jacks](#)
Description: Modular Jack, Right Angle, Shielded, Lightpipes, Stacked, 8/8, 8 Ports

Documents:

3D Model	Test Summary TS-44050-001 (PDF)
Drawing (PDF)	Test Summary TS-44170-001 (PDF)
Product Specification PS-44050-003 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-43860-001 (PDF)	



Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	Modular Jacks/Plugs
Series	44170
Comments	High Speed Multi-Port
Component Type	PCB Jack
Magnetic	No
Overview	Modular Plugs - Jacks
Performance Category	5, 5e
Power over Ethernet (PoE)	N/A
Product Name	RJ45
UPC	800753002470

Physical

Color - Resin	Black, Clear
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	Yes
Jack Height	25.41mm
Lightpipes/LEDs	Lightpipes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polycarbonate, Polyester
Net Weight	43.953g
Orientation	Right Angle (Side Entry)
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	1.270µm
Plating min - Termination	2.540µm
Ports	8
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +80°C
Termination Interface: Style	Through Hole
Wire/Cable Type	N/A

Electrical

Current - Maximum per Contact	1.5A
-------------------------------	------

EU RoHS ELV and RoHS Compliant	China RoHS
REACH SVHC Contains SVHC: No Low-Halogen Status Not Low-Halogen	

Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

44170Series

Mates With

FCC 68 Plugs

Shielded	Yes
Voltage - Maximum	125V

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-43860-001
Product Specification	PS-44050-003
Sales Drawing	SD-44170-001
Test Summary	TS-44050-001, TS-44170-001

This document was generated on 10/10/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION