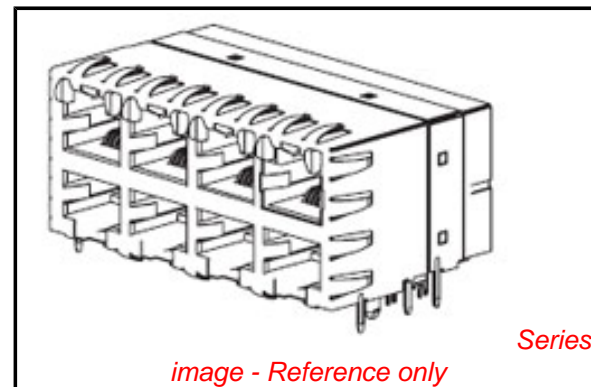


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

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

**Documents:**

<a href="#">3D Model</a>	<a href="#">Test Summary TS-44050-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-44170-001 (PDF)</a>
<a href="#">Product Specification PS-44050-003 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-43860-001 (PDF)</a>	



**Agency Certification**

CSA	LR19980
UL	E107635

**General**

Product Family	Modular Jacks/Plugs
Series	<a href="#">44170</a>
Comments	High Speed Multi-Port
Component Type	PCB Jack
Magnetic	No
Overview	<a href="#">Modular Plugs - Jacks</a>
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
-------------------------------	------

<b>EU RoHS</b> <b>ELV and RoHS</b> <b>Compliant</b> <b>REACH SVHC</b> Not Reviewed <b>Low-Halogen Status</b> <b>Not Low-Halogen</b>	<b>China RoHS</b> 
---	--

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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 12/17/2012

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**