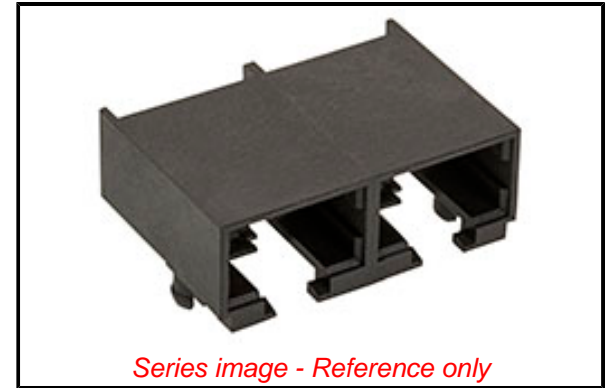


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0445600001](#)  
**Status:** **Active**  
**Overview:** [Magnetic and Modular Jacks/Plugs](#)  
**Description:** [Modular Jack, Right-Angle, Low Profile, 8/8, 2 Ports](#)

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-44560-004-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Test Summary TS-44560-003-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-44560-003-001 (PDF)</a>	



**General**

Product Family	Modular Jacks/Plugs
Series	<a href="#">44560</a>
Component Type	PCB Jack
Magnetic	No
Overview	<a href="#">Magnetic and Modular Jacks/Plugs</a>
Performance Category	5, 5e
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8, RJ45
UPC	756054374344

**Physical**

Color - Resin	Black
Durability (mating cycles max)	500
Inverted / Top Latch	No
Jack Height	10.77mm
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.816/g
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
Port Configuration	1x2
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole
Wire/Cable Type	N/A

**Electrical**

Current - Maximum per Contact	1.5A
Grounding to Panel	Unshielded
Shielded	No
Voltage - Maximum	150V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not 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**

[44560 Series](#)

**Mates With**

FCC 68 Plugs

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-44560-004-001
Product Specification	PS-44560-003-001
Sales Drawing	RSD-44560-001-001, SD-44560-001-001
Test Summary	TS-44560-003-001

This document was generated on 09/13/2021

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