

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0445200005**
Status: **Active**
Overview: Magnetic and Modular Jacks and Plugs
Description: Modular Jack, Right Angle, Shielded, Stacked, 8/8, 12 Ports

Documents:

3D Model	Product Specification TS-44170-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-44520-003-001 (PDF)
Product Specification PS-44050-003 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E107635

General

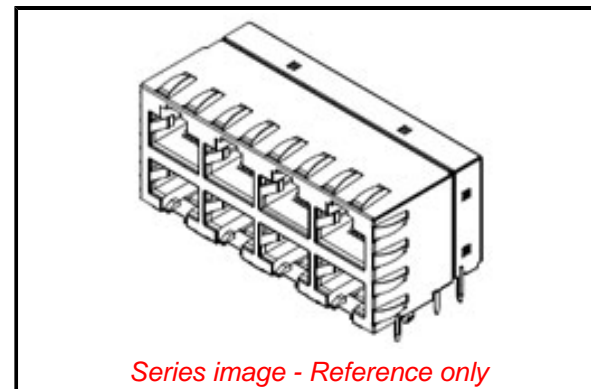
Product Family	Modular Jacks/Plugs
Series	<u>44520</u>
Comments	High Speed Multi-Port
Component Type	PCB Jack
Data Load Status	Data Bulk Loaded from Saqqara
Made From	0442120005, 0443050002, 0445201005
Magnetic	No
Overview	<u>Magnetic and Modular Jacks and Plugs</u>
Performance Category	5, 5e
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8, RJ45
UPC	800753265257

Physical

Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	Yes
Jack Height	25.41mm
Lightpipes/LEDs	None
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	66.536/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
Ports	12
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 ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Not Low-Halogen

**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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

44520 Series

Mates With

FCC 68 Plugs

Shielded	Yes
Voltage - Maximum	125V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-44520-003-001
Product Specification	PS-44050-003, TS-44170-001-001
Sales Drawing	SD-44520-001

This document was generated on 02/26/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION