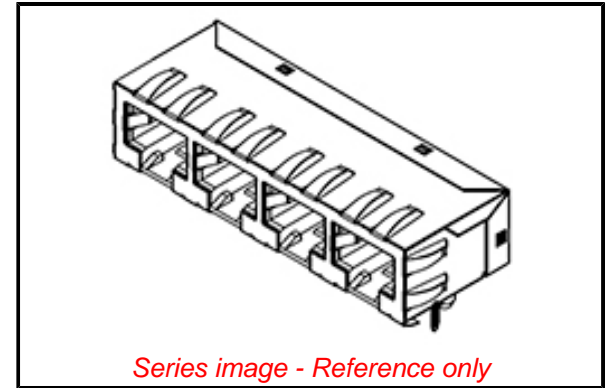


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0441500036**  
**Status:** **Active**  
**Overview:** Magnetic and Modular Jacks/Plugs  
**Description:** Modular Jack, Right-Angle, Low Profile, 8/8, 2 Ports, without Side, Top, or Bottom Ground Tabs

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-44150-004-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-44050-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-44050-003 (PDF)</a>	



**Agency Certification**

UL E107635

**General**

Product Family	Modular Jacks/Plugs
Series	<u>44150</u>
Component Type	PCB Jack
Magnetic	No
Overview	<u>Magnetic and Modular Jacks/Plugs</u>
Performance Category	5, 5e
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8, RJ45
UPC	887191391045

**Physical**

Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	No
Jack Height	13.31mm
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	9.963/g
Orientation	Right Angle (Side Entry)
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	Yes
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
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole
Wire/Cable Type	N/A

**Electrical**

Current - Maximum per Contact	1.5A
Shielded	Yes
Voltage - Maximum	150V AC (RMS)

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2020)4578-DC (25  
June 2020)  
diisohexyl phthalate  
1,2-  
Benzenedicarboxylic  
acid, dihexyl ester,  
bra  
2-(2H-benzotriazol-2-  
yl)-4-(tert-butyl)-6-  
(sec-b  
2-(2H-benzotriazol-2-  
yl)-4,6-  
ditertpentylphenol  
2-ethylhexyl 10-  
ethyl-4,4-dioctyl-7-  
oxo-8-oxa-3,  
ammoniumpentadecafluorooctanoate  
1,3-propanesultone  
dibutyltin dichloride  
1,2-diethoxyethane  
diisopentylphthalate  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
perfluorooctanoic acid  
di-n-pentyl phthalate  
(DPP)  
diisohexyl phthalate  
Perfluorohexane-1-  
sulphonic acid and its  
salts  
reaction mass of  
2-ethylhexyl 10-  
ethyl-4,4-dioct  
Methylhexahydrophthalic  
anhydride

**China RoHS**

**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-44150-004-000
Product Specification	PS-44050-003
Sales Drawing	SD-44150-002-001
Test Summary	TS-44050-001-001

Perfluorononan-1-  
oic acid  
(2,2,3,3,4,4,5,5,6,6,7  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Pyrene  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodi  
Boric acid  
n-pentyl-  
isopentylphthalate  
1,2-  
benzenedicarboxylic  
acid, dipentylester,  
bra  
diisohexyl phthalate  
di-n-pentyl phthalate  
(DPP)  
lead dinitrate  
cadmium  
orange lead  
cadmium sulphide  
cadmium oxide (non-  
pyrophoric)  
bis(pentabromophenyl)  
ether  
1,2-bis(2-  
methoxyethoxy)ethane  
1,2-dimethoxyethane  
pentazinc chromate  
octahydroxide  
bis(2-methoxyethyl)  
ether  
strontium chromate  
Lead sulfochromate  
yellow  
lead dinitrate  
ethylene thiourea  
dihexyl phthalate  
(DnHP)  
4-aminoazobenzene  
benzo[a]pyrene  
[phthalato(2-)]dioxotrilead  
Sulfurous acid, lead  
salt, dibasic  
lead cyanamidate  
Lead titanium  
zirconium oxide  
dioxobis(stearato)trilead  
pentalead tetraoxide  
sulphate  
lead oxide sulfate  
lead dinitrate

**Halogen-Free  
Status****Not Low-Halogen**For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[44150 Series](#)

**Mates With**

FCC 68 Plugs

This document was generated on 10/21/2020

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