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Part Number: [0440500007](#)
Status: **Active**
Overview: [Modular Jacks and Plugs](#)
Description: Modular Jack, Right Angle, Low Profile, 8/8

Documents:
[3D Model](#) [Packaging Specification PK-44050-004 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary TS-44050-001 \(PDF\)](#)
[Product Specification PS-44050-003 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E107635

General

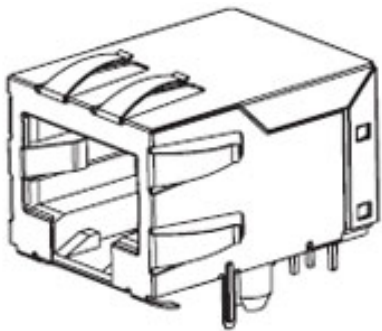
Product Family Modular Jacks/Plugs
Series [44050](#)
Component Type PCB Jack
Magnetic No
Overview [Modular Jacks and Plugs](#)
Performance Category 5, 5e
Power over Ethernet (PoE) N/A
Product Name RJ45
UPC 800754846103

Physical

Boot Color N/A
Color - Resin Black
Durability (mating cycles max) 500
Flammability 94V-0
Inverted / Top Latch No
Jack Height 13.06mm
Lightpipes/LEDs None
Material - Metal Brass, Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 5.267/g
Orientation Right Angle (Side Entry)
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.57mm
Packaging Type Tray
Pitch - Mating Interface 1.02mm
Pitch - Termination Interface 1.27mm
Plating min - Mating 1.270µm
Plating min - Termination 2.540µm
Ports 1
Positions / Loaded Contacts 8/8
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -40°C to +85°C
Termination Interface: Style Through Hole
Waterproof / Dustproof No
Wire/Cable Type N/A

Electrical

Current - Maximum per Contact 1.5A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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

[44050 Series](#)

Mates With

FCC 68 Plugs

Grounding to Panel	Location E, With All Panel Grounding Tab
Shielded	Yes
Voltage - Maximum	150V AC (RMS)

Solder Process Data

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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-44050-004
Product Specification	PS-44050-003
Sales Drawing	SD-44050-002
Test Summary	TS-44050-001

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