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Part Number: [44282-0001](#)
Status: **Active**
Overview: [Modular Plugs - Jacks](#)
Description: Modular Jack, Right Angle, Low Profile, Shielded, SMT, 8/8

Documents:
[3D Model](#) [Product Specification PS-43743-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E107635

General

Product Family Modular Jacks/Plugs
Series [44282](#)
Component Type PCB Jack
Magnetic No
Overview [Modular Plugs - Jacks](#)
Performance Category 3
Power over Ethernet (PoE) N/A
Product Name RJ45
UPC 800756060033

Physical

Color - Resin Black
Durability (mating cycles max) 500
Flammability 94V-0
Inverted / Top Latch No
Jack Height 13.45mm
Lightpipes/LEDs None
Material - Metal Brass, Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 4.005/g
Orientation Right Angle (Side Entry)
PCB Locator Yes
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Embossed Tape on Reel
Panel Mount N/A
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) N/A
Temperature Range - Operating -40°C to +80°C
Termination Interface: Style Surface Mount
Wire/Cable Type N/A

Electrical

Current - Maximum per Contact 1.5A
Grounding to Panel Yes

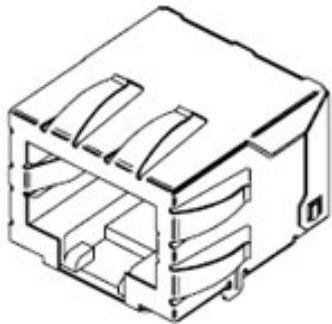


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Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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
[44282Series](#)

Mates With
FCC 68 Plugs

Shielded	Yes
Voltage - Maximum	125V

Solder Process Data

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Product Specification	PS-43743-0001
Sales Drawing	SD-44282-001

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