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Part Number: [0442820007](#)
Status: **Active**
Overview: [Modular Jacks and Plugs](#)
Description: [Modular Jack, Right Angle, Low Profile, Shielded, Surface Mount, 8/8](#)

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-43743-0001 \(PDF\)](#)
[Packaging Specification PK-70873-700 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E107635

General

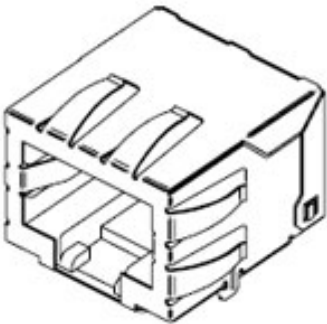
Product Family Modular Jacks/Plugs
Series [44282](#)
Component Type PCB Jack
Magnetic No
Overview [Modular Jacks and Plugs](#)
Performance Category 3
Power over Ethernet (PoE) N/A
Product Name RJ45
UPC 800756060071

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 3.990/g
Orientation Right Angle (Side Entry)
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
Shielded Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/108/2014 (17 Dec
2014)

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

Search Parts in this Series

[44282](#) Series

Mates With

FCC 68 Plugs

Voltage - Maximum	125V
Solder Process Data	
Lead-freeProcess Capability	REFLOW
Process Temperature max. C	235
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-700*
Product Specification	PS-43743-0001
Sales Drawing	SD-44282-001

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