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Part Number: [0441440023](#)
Status: **Active**
Overview: [Modular Jacks and Plugs](#)
Description: [Modular Jack, Right Angle, Low Profile, Surface Mount, 8/2](#)

Documents:

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

Agency Certification

UL E107635

General

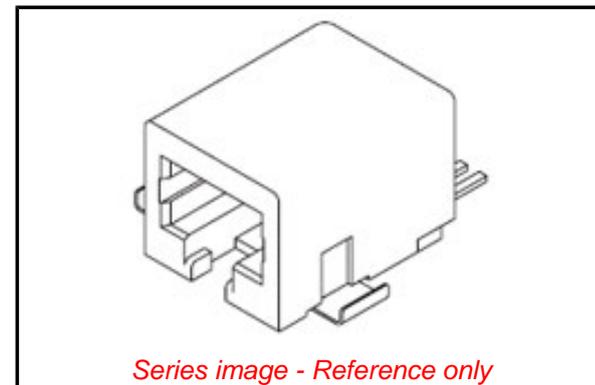
Product Family [Modular Jacks/Plugs](#)
Series [44144](#)
Comments [Flush Solder Tabs](#)
Component Type [PCB Jack](#)
Magnetic [No](#)
Overview [Modular Jacks and Plugs](#)
Performance Category [3](#)
Power over Ethernet (PoE) [N/A](#)
Product Name [RJ45](#)
UPC [822348413478](#)

Physical

Color - Resin [Black](#)
Durability (mating cycles max) [500](#)
Flammability [94V-0](#)
Inverted / Top Latch [No](#)
Jack Height [11.73mm](#)
Lightpipes/LEDs [None](#)
Material - Metal [Phosphor Bronze](#)
Material - Plating Mating [Gold](#)
Material - Plating Termination [Tin](#)
Material - Resin [High Temperature Thermoplastic](#)
Net Weight [2.299g](#)
Orientation [Right Angle \(Side Entry\)](#)
PCB Locator [No](#)
PCB Retention [Yes](#)
Packaging Type [Embossed Tape on Reel](#)
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 [8/2](#)
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 [N/A](#)
Shielded [No](#)
Voltage - Maximum [125V](#)



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[44144 Series](#)

Mates With

[FCC 68 Plugs](#)

Solder Process Data

Lead-free Process Capability
Process Temperature max. C

REFLOW
235

Material Info**Reference - Drawing Numbers**

Packaging Specification
Product Specification
Sales Drawing

PK-70873-700*
PS-43743-0001
SD-44144-001

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[44144-0023](#)