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Part Number: [0442820010](#)
Status: **Active**
Overview: [Modular Jacks and Plugs](#)
Description: [Modular Jack, Right Angle, Low Profile, Shielded, Surface Mount, 8/8](#)

Documents:

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

Agency Certification

CSA LR19980
 UL E107635

General

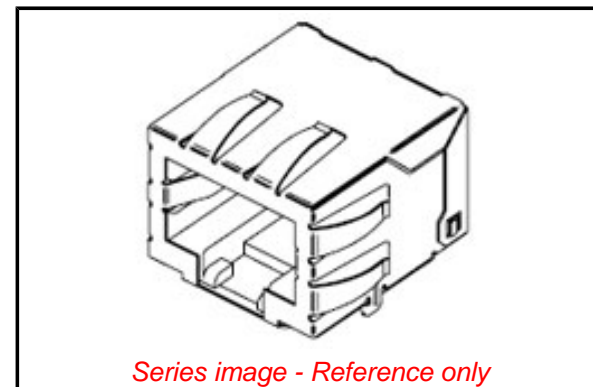
Product Family [Modular Jacks/Plugs](#)
 Series [44282](#)
 Component Type [PCB Jack](#)
 Magnetic [No](#)
 Overview [Modular Jacks and Plugs](#)
 Performance Category [3](#)
 Power over Ethernet (PoE) [N/A](#)
 Product Name [RJ45](#)
 UPC [800756060088](#)

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 [4.044/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 [None](#)
 Shielded [Yes](#)



EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[44282](#) Series

Mates With

FCC 68 Plugs

Voltage - Maximum	125V
Solder Process Data	
Lead-free Process 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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