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Part Number: [0438410001](#)
Status: **Active**
Overview: [Modular Jacks and Plugs](#)
Description: [Modular Jack, Right Angle, Low Profile, Surface Mount, 8/6, 2 Ports](#)

Documents:

[3D Model](#) [Packaging Specification PK-70873-700 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-43743-0001-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E107635

General

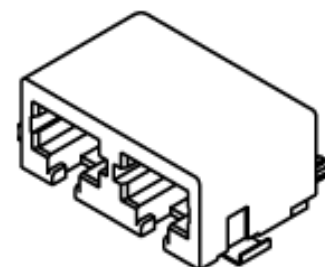
Product Family [Modular Jacks/Plugs](#)
 Series [43841](#)
 Comments [Outboard Solder Tabs](#)
 Component Type [PCB Jack](#)
 Magnetic [No](#)
 Overview [Modular Jacks and Plugs](#)
 Performance Category [3, 4](#)
 Power over Ethernet (PoE) [N/A](#)
 Product Name [RJ45](#)
 UPC [800754794770](#)

Physical

Boot Color [N/A](#)
 Color - Resin [Black](#)
 Durability (mating cycles max) [500](#)
 Flammability [94V-0](#)
 Inverted / Top Latch [No](#)
 Jack Height [11.80mm](#)
 Lightpipes/LEDs [None](#)
 Material - Metal [Phosphor Bronze](#)
 Material - Plating Mating [Gold](#)
 Material - Plating Termination [Tin](#)
 Material - Resin [High Temperature Thermoplastic](#)
 Net Weight [4.915/g](#)
 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 [2](#)
 Positions / Loaded Contacts [8/6](#)
 Surface Mount Compatible (SMC) [Yes](#)
 Temperature Range - Operating [-40°C to +70°C](#)
 Termination Interface: Style [Surface Mount](#)
 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/01/2017 (12
 January 2017)

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

[43841 Series](#)

Mates With

[FCC 68 Plugs](#)

Shielded No
Voltage - Maximum 150V AC (RMS)

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-43743-0001-001

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