

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0441930001](#)  
**Status:** **Active**  
**Overview:** [Modular Jacks and Plugs](#)  
**Description:** [Modular Jack, Right Angle, Low Profile, Surface Mount, 8/4, 2 Ports](#)

**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 [44193](#)  
 Comments [Flush 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 [800754801355](#)

**Physical**

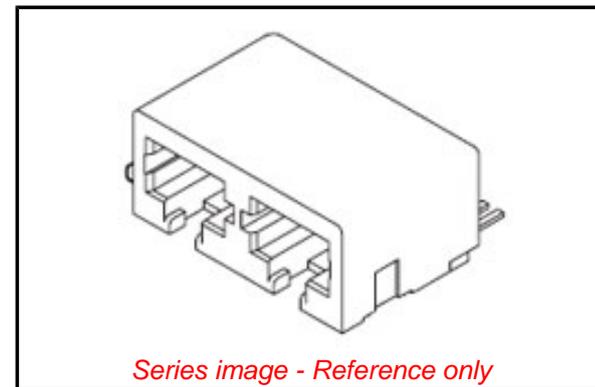
Color - Resin [Black](#)  
 Durability (mating cycles max) [500](#)  
 Flammability [94V-0](#)  
 Inverted / Top Latch [No](#)  
 Jack Height [11.80mm](#)  
 Lightpipes/LEDs [None](#)  
 Material - Metal [Phosphor Bronze](#)  
 Material - Plating Mating [Gold](#)  
 Material - Plating Termination [Tin](#)  
 Material - Resin [High Temperature Thermoplastic](#)  
 Orientation [Right Angle \(Side Entry\)](#)  
 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 [8/4](#)  
 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](#)  
 Shielded [No](#)  
 Voltage - Maximum [125V](#)

**Solder Process Data**

Lead-freeProcess Capability [REFLOW](#)



**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Not Reviewed

ELV

Not Relevant

**Search Parts in this Series**

[44193 Series](#)

**Mates With**

[FCC 68 Plugs](#)

Process Temperature max. C

235

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-70873-700\*

Product Specification

PS-43743-0001

Sales Drawing

SD-44193-001

This document was generated on 06/10/2016

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[44193-0001](#)