

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

**Part Number:** [52018-8836](#)  
**Status:** **Active**  
**Overview:** Modular Plugs - Jacks  
**Description:** Modular Jack, Right Angle, Inverted, 8/8 Lead Free, 0.76µm Gold (Au) Plating

**Documents:**

[3D Model](#) [Packaging Specification SPK-52018-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-52018-003 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E107635

**General**

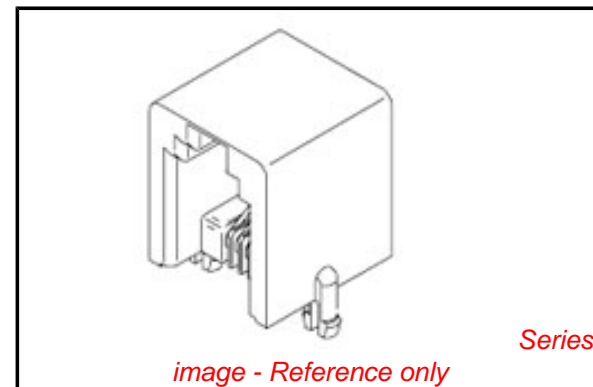
Product Family Modular Jacks/Plugs  
 Series [52018](#)  
 Comments Inverted  
 Component Type PCB Jack  
 Magnetic No  
 Overview [Modular Plugs - Jacks](#)  
 Performance Category 3  
 Power over Ethernet (PoE) N/A  
 Product Name RJ11

**Physical**

Color - Resin Gray  
 Durability (mating cycles max) 200  
 Flammability 94V-0  
 Inverted / Top Latch Yes  
 Jack Height 14.50mm  
 Lightpipes/LEDs None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Orientation Right Angle (Side Entry)  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.02mm  
 Pitch - Termination Interface 1.02mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 1.016µm  
 Ports 1  
 Positions / Loaded Contacts 8/8  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40°C to +80°C  
 Termination Interface: Style Through Hole  
 Wire/Cable Type N/A

**Electrical**

Current - Maximum per Contact 1.2A  
 Shielded No  
 Voltage - Maximum 1000V



**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
 Not Reviewed

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of  
 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

**Search Parts in this Series**

52018Series

**Mates With**

FCC 68 Plugs

**Material Info**

UPC 822348178100

**Reference - Drawing Numbers**

Packaging Specification SPK-52018-001  
Product Specification PS-52018-003, RPS-52018-006  
Sales Drawing SD-52018-001

This document was generated on 06/20/2012

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