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Part Number: [52018-8816](#)
Status: **Active**
Overview: Modular Plugs - Jacks
Description: Modular Jack, Right Angle, Inverted, 8/8 Lead Free, 0.10µm 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 0.102µm
 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

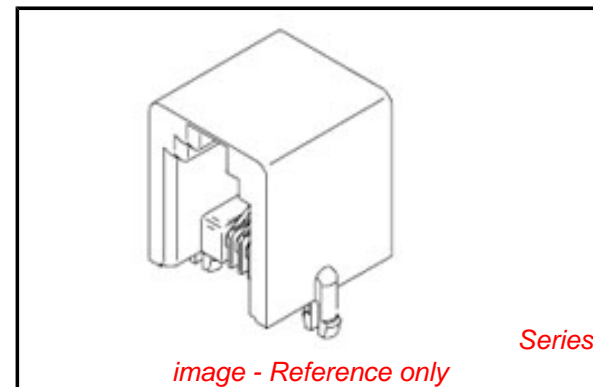


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EU RoHS

**ELV and RoHS
 Compliant**
**REACH SVHC
 Contains SVHC: No
 Low-Halogen Status
 Not Reviewed**

China RoHS



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

Email 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 822348178087

Reference - Drawing Numbers

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

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