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

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

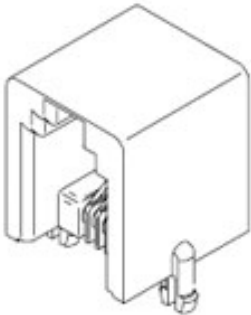


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Series

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
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

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