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Part Number: [0520188846](#)
Status: **Active**
Overview: [Magnetic and Modular Jacks and Plugs](#)
Description: [Modular Jack, Right Angle, Inverted, 8/8, 1.27µm Gold \(Au\) Plating](#)

Documents:

3D Model	Product Specification PS-52018-003-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-52018-001-001 (PDF)
Product Specification PS-52018-002 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E107635

General

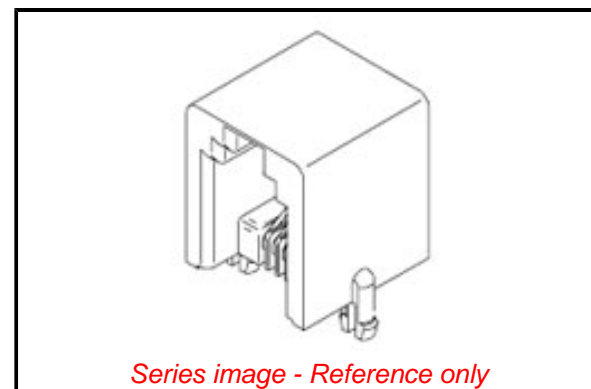
Product Family	Modular Jacks/Plugs
Series	52018
Comments	Inverted
Component Type	PCB Jack
Magnetic	No
Overview	Magnetic and Modular Jacks and Plugs
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8, RJ45
UPC	822348178117

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
Net Weight	1900.400/mg
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	1.270µm
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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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

[52018 Series](#)

Mates With

FCC 68 Plugs

Voltage - Maximum

1000V

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-52018-001-001

Product Specification

PS-52018-002, PS-52018-003-001

Sales Drawing

SD-52018-001

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