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Part Number: [85759-1001](#)
Status: **Active**
Overview: [Magnetic Modular Jacks](#)
Description: Gigabit Magnetic Jack, Integrated PSE PoE+ 1x1, LEDs: GREEN - GREEN

Documents:

[3D Model](#) [Product Specification PS-85759-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Modular Jacks/Plugs
Series	85759
Component Type	PCB Jack
Magnetic	Yes
Overview	Magnetic Modular Jacks
Performance Category	5, 5e
Power over Ethernet (PoE)	PoE+
Product Name	Magnetic Jack
UPC	884982213692

Physical

Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Jack Height	13.87mm
Keying to Mating Part	Yes
Lightpipes/LEDs	LEDs
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	13.275/g
Orientation	Right Angle (Side Entry)
PCB Retention	None
PCB Thickness - Recommended	2.80mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.02mm
Plating min - Mating	0.381µm
Plating min - Termination	1.270µm
Ports	1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +70°C
Termination Interface: Style	Through Hole
Wire/Cable Type	N/A

Electrical

Current - Maximum per Contact	1.0A
Grounding to PCB	Yes
Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	57V

Material Info

Reference - Drawing Numbers

Product Specification	PS-85759-001
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EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Contains SVHC: Yes

Diboron trioxide
 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2

China RoHS



Low-Halogen Status

Not Reviewed

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
[85759Series](#)

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