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Part Number: [0857931020](#)
Status: **Active**
Overview: [Magnetic Modular Jacks](#)
Description: [Gigabit Magnetic Jack](#)

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-85793-001-001 \(PDF\)](#)
[Packaging Specification PK-85759-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
UL	E177474
General	
Product Family	Modular Jacks/Plugs
Series	85793
Component Type	PCB Jack
Magnetic	Yes
Overview	Magnetic Modular Jacks
Performance Category	5, 5e
Power over Ethernet (PoE)	Non-PoE
Product Name	Magnetic Jack, Modular Jack 8/8
UPC	884982465114

Physical	
Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Jack Height	13.87mm
Lightpipes/LEDs	None
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Thermoplastic Polyurethane
Net Weight	10.340/g
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.80mm
Packaging Type	Tray
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
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Electrical	
Current - Maximum per Contact	1.0A
Grounding to PCB	Yes
Grounding to Panel	Yes



Series image - Reference only

EU ELV
Not Relevant

EU RoHS
Compliant with Exemption 7(c)-I
REACH SVHC
Not Contained Per
-ED/01/2017 (12
January 2017)
Halogen-Free
Status
Not Low-Halogen

China RoHS

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	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[85793 Series](#)

Mates With
Plugs according to IEC 60603-7

Shielded	Yes
Voltage - Maximum	150V (RMS)
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-85759-001
Product Specification	PS-85793-001-001
Sales Drawing	857931001-000

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