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Part Number: [0857910020](#)
Status: **Active**
Overview: [Magnetic Modular Jacks](#)
Description: PDJack™ Gigabit POE+ Class 0

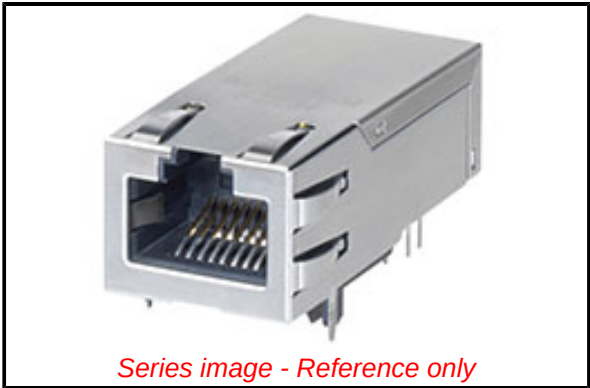
Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-85791-001-001 \(PDF\)](#)
[Packaging Specification PK-85759-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family: Modular Jacks/Plugs
Series: [85791](#)
Component Type: PCB Jack
Magnetic: Yes
Overview: [Magnetic Modular Jacks](#)
Performance Category: 5, 5e
Power over Ethernet (PoE): PoE+
Product Name: Magnetic Jack, Modular Jack 8/8, PDJack™
UPC: 887191157320

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: Stainless Steel
Material - Plating Mating: Gold
Material - Plating Termination: Tin
Material - Resin: PBT
Net Weight: 11.242/g
Orientation: Right Angle (Side Entry)
PCB Locator: Yes
PCB Retention: Yes
Packaging Type: Tray
Panel Mount: No
Pitch - Mating Interface: 1.02mm
Pitch - Termination Interface: 2.03mm
Plating min - Mating: 0.762µm
Ports: 1
Positions / Loaded Contacts: 8/8
Surface Mount Compatible (SMC): No
Temperature Range - Operating: 0°C to +70°C
Termination Interface: 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
Shielded: Yes
Voltage - Maximum: 100V AC

Material Info



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant with
Exemption 7(a),7(c)-I
REACH SVHC
Not Contained Per -
ED/108/2014 (17 Dec
2014)
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 50 Image
ELV Not Relevant
RoHS Phthalates Not Reviewed

Search Parts in this Series
[85791](#) Series

Mates With
Plugs according to IEC 60603-7

Reference - Drawing Numbers

Packaging Specification	PK-85759-001
Product Specification	PS-85791-001-001
Sales Drawing	857910020-000, SD-85791-002

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