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**Part Number:** [85791-1020](#)  
**Status:** **Active**  
**Overview:** Magnetic Modular Jacks  
**Description:** PDJack™ Gigabit POE+ Class 1

**Documents:**

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

**General**

Product Family	Modular Jacks/Plugs
Series	<a href="#">85791</a>
Component Type	PCB Jack
Magnetic	Yes
Overview	<a href="#">Magnetic Modular Jacks</a>
Performance Category	5, 5e
Power over Ethernet (PoE)	PoE+
Product Name	Magnetic Jack, PDJack™
UPC	887191157337

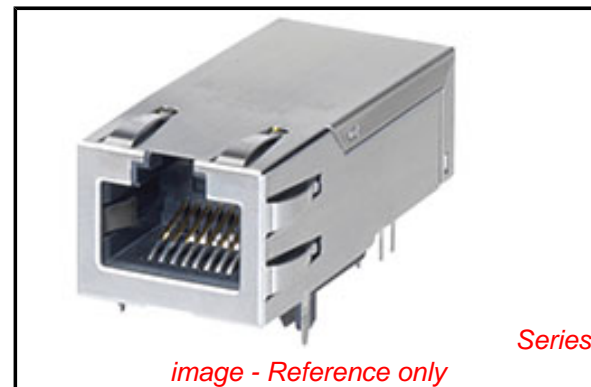
**Physical**

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	12.142/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: Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

**Electrical**

Current - Maximum per Contact	1A
Grounding to PCB	Yes
Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	100V AC

**Material Info**



*image - Reference only*

**EU RoHS**

**RoHS Compliant by Exemption**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
 Not Reviewed

**China RoHS**



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Email [productcompliance@molex.com](mailto: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**

85791Series

**Mates With**

Plugs according to IEC 60603-7

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-85791-001  
SD-85791-002

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