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Part Number:

0857913020

Status:

Active

Overview:

Magnetic Modular Jacks

Description:

PDJack™ Gigabit POE+ Class 3



Series image - Reference only

- Documents:
- 3D Model

Packaging Specification PK-85759-001 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-85791-001-001 (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                       | 887191157351                             |

|                                |                          |
|--------------------------------|--------------------------|
| 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                     | 11.097/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 | 1.0A    |
| Grounding to PCB              | Yes     |
| Grounding to Panel            | Yes     |
| Shielded                      | Yes     |
| Voltage - Maximum             | 100V AC |

Material Info

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

China RoHS

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

|                 |              |
|-----------------|--------------|
| China ROHS      | Not Reviewed |
| ELV             | Not Reviewed |
| 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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