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Part Number:

0855105019

Status:

Active

Overview:

Magnetic and Modular Jacks/Plugs

Description:

Modular Jack, Vertical, Top Entry, Surface Mount, 6/6, Solder Tabs, 13" Reel

Documents:

3D Model

Packaging Specification PK-85510-002 (PDF)

Drawing (PDF)

Test Summary STR-1429-001 (PDF)

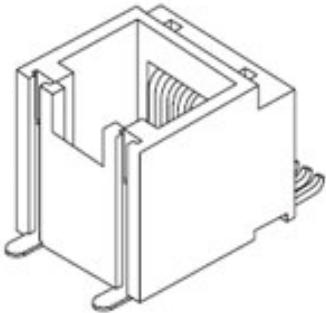
Product Specification PS-95503-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Application Specification AS-85513-001-001 (PDF)

Product Literature (PDF)

|                                |                                                                        |
|--------------------------------|------------------------------------------------------------------------|
| Agency Certification           |                                                                        |
| UL                             | E107635                                                                |
| General                        |                                                                        |
| Product Family                 | Modular Jacks/Plugs                                                    |
| Series                         | 85510                                                                  |
| Comments                       | Reflow Capable, Small Panel Cutout, Reflow Capable, Small Panel Cutout |
| Component Type                 | PCB Jack                                                               |
| Magnetic                       | No                                                                     |
| Overview                       | Magnetic and Modular Jacks/Plugs                                       |
| Performance Category           | 3                                                                      |
| Power over Ethernet (PoE)      | N/A                                                                    |
| Product Literature Order No    | 987650-8441                                                            |
| Product Name                   | Modular Jack 6/6                                                       |
| UPC                            | 800756822365                                                           |
| Physical                       |                                                                        |
| Boot Color                     | N/A                                                                    |
| Color - Resin                  | Black                                                                  |
| Durability (mating cycles max) | 2500                                                                   |
| Flammability                   | 94V-0                                                                  |
| Inverted / Top Latch           | No                                                                     |
| Jack Height                    | 15.70mm                                                                |
| Lightpipes/LEDs                | None                                                                   |
| Material - Metal               | Copper Alloy                                                           |
| Material - Plating Mating      | Gold over Palladium Nickel                                             |
| Material - Plating Termination | Tin                                                                    |
| Material - Resin               | High Temperature Thermoplastic                                         |
| Net Weight                     | 2.416/g                                                                |
| Orientation                    | Vertical (Top Entry)                                                   |
| PCB Locator                    | No                                                                     |
| PCB Retention                  | Yes                                                                    |
| Packaging Type                 | Embossed Tape on Reel                                                  |
| Pitch - Mating Interface       | 1.02mm                                                                 |
| Pitch - Termination Interface  | 1.27mm                                                                 |
| Plating min - Mating           | 0.051µm, 1.016µm                                                       |
| Plating min - Termination      | 1.905µm                                                                |
| Port Configuration             | 1x1                                                                    |
| Positions / Loaded Contacts    | 6/6                                                                    |
| Surface Mount Compatible (SMC) | Yes                                                                    |
| Temperature Range - Operating  | -40° to +85°C                                                          |
| Termination Interface: Style   | Surface Mount                                                          |
| Waterproof / Dustproof         | No                                                                     |
| Wire/Cable Type                | N/A                                                                    |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - ED/71/2019 (16 July 2019)                 |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

85510 Series

Mates With

90075 Modular Plug

**Electrical**

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 1.5A    |
| Shielded                      | No      |
| Voltage - Maximum             | 125V DC |

**Solder Process Data**

|                                                |        |
|------------------------------------------------|--------|
| Duration at Max. Process Temperature (seconds) | 040    |
| Lead-freeProcess Capability                    | REFLOW |
| Max. Cycles at Max. Process Temperature        | 003    |
| Process Temperature max. C                     | 260    |

**Material Info**

**Reference - Drawing Numbers**

|                           |                  |
|---------------------------|------------------|
| Application Specification | AS-85513-001-001 |
| Packaging Specification   | PK-85510-002     |
| Product Specification     | PS-95503-001-001 |
| Sales Drawing             | SD-85510-002     |
| Test Summary              | STR-1429-001     |

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