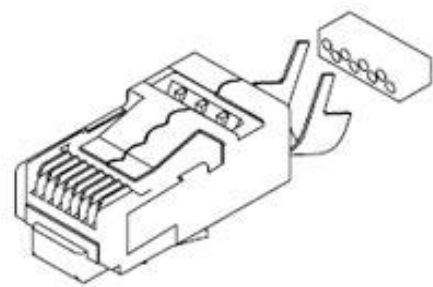




**Part Number :** [449150011](#)  
**Product Description :** Modular Plug, Category 6,  
Long Body, Shielded, 8/8, without Strain Relief  
**Series Number :** 44915  
**Status :** Active  
**Product Category :** Modular Jacks and Plugs



## Documents & Resources

### Drawings

[449150011\\_sd.pdf](#)  
[PK-44915-003-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)

### Specifications

[PS-44915-003-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Compliant per 2000/53/EC                                                                                     |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                               |
| REACH SVHC         | Not Contained per D(2025)4165-DC<br>(25 June 2025)                                                           |
| EU RoHS            | Compliant per EU 2015/863                                                                                    |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

## Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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## Part Details

### General

|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| Status                    | Active                                                                    |
| Category                  | Modular Jacks and Plugs                                                   |
| Series                    | 44915                                                                     |
| Description               | Modular Plug, Category 6, Long Body, Shielded, 8/8, without Strain Relief |
| Component Type            | Wire Plug                                                                 |
| Keyword                   | Modular Plugs                                                             |
| Magnetic                  | No                                                                        |
| Performance Category      | 6                                                                         |
| Power over Ethernet (PoE) | N/A                                                                       |
| Product Name              | Modular Plug 8/8,RJ45                                                     |
| UPC                       | 800756395555                                                              |

### Agency

|    |         |
|----|---------|
| UL | E107635 |
|----|---------|

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.5A |
| Grounding to Panel            | N/A  |
| Shielded                      | Yes  |
| Voltage - Maximum             | 125V |

### Physical

|                                |                 |
|--------------------------------|-----------------|
| Color - Resin                  | Clear           |
| Durability (mating cycles max) | 500             |
| Inverted / Top Latch           | N/A             |
| Jack Height                    | N/A             |
| Lightpipes/LEDs                | None            |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Gold            |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polycarbonate   |
| Net Weight                     | 2.846/g         |
| Orientation                    | N/A             |
| Packaging Type                 | Bag             |
| Panel Mount                    | N/A             |
| PCB Locator                    | No              |
| PCB Retention                  | None            |
| Pitch - Mating Interface       | 1.02mm          |
| Pitch - Termination Interface  | 1.02mm          |
| Port Configuration             | 1x1             |
| Positions / Loaded Contacts    | 8/8             |
| Temperature Range - Operating  | -40° to +85°C   |
| Termination Interface Style    | N/A             |
| Wire/Cable Type                | Round           |

## Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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## Mates With / Use With

### Mates with Part(s)

|             |              |
|-------------|--------------|
| Description | Part Number  |
| Mates With  | FCC 68 Jacks |

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## Application Tooling

Global

| Description                                                         | Part Number      |
|---------------------------------------------------------------------|------------------|
| Hand Crimp Tool for RJ-45 CAT5, CAT5e, CAT6, CAT6A Plugs, 28-22 AWG | <u>622020500</u> |
| ServiceGrade Hand Crimp Tool - Ratchet                              | <u>640160044</u> |