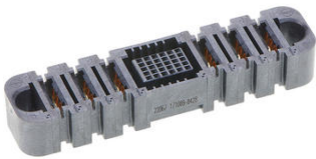




**Part Number :** [1710898428](#)  
**Series Number :** 171089  
**Status :** Preliminary



**Drawings**

- [1710898428\\_sd.pdf](#)
- [1710891001-PK-000.pdf](#)
- [1710898428\\_stp.zip](#)

**Specifications**

- [PS-171088-0000-001.pdf](#)

**Product Environment Compliance**

**Compliance**

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 33                                                                     |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                            |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                          |
| REACH SVHC         | Not Contained per D(2025)6375-DC (05 Nov 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         | Preliminary                                                                                                                            |
| Category       | Board-to-Board Connectors                                                                                                              |
| Series         | 171089                                                                                                                                 |
| Description    | EXTreme Ten60Power Vertical Receptacle with Guides, 3 Split Power Circuits, 30 Signal Circuits, 3 Split Power Circuits, Press Fit Tail |
| Application    | Board-to-Board, Power, Signal                                                                                                          |
| Component Type | PCB Receptacle, Receptacle                                                                                                             |
| Keyword        | Ten60                                                                                                                                  |
| Product Name   | EXTreme Ten60Power                                                                                                                     |
| UPC            | 195842734180                                                                                                                           |

#### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

#### Electrical

|                               |             |
|-------------------------------|-------------|
| Current - Maximum per Contact | 2.5A, 30.0A |
| Voltage - Maximum             | 600V        |

#### Physical

|                                |       |
|--------------------------------|-------|
| Circuits (Loaded)              | 36    |
| Circuits (maximum)             | 36    |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 200   |
| Flammability                   | 94V-0 |
| Glow-Wire Capable              | No    |

|                                |                              |
|--------------------------------|------------------------------|
| Guide to Mating Part           | Side, Yes                    |
| Keying to Mating Part          | None                         |
| Lock to Mating Part            | None                         |
| Mated Height                   | 16.13mm                      |
| Material - Metal               | High Conductivity Copper     |
| Material - Plating Mating      | Gold                         |
| Material - Plating Termination | Tin                          |
| Material - Resin               | Liquid Crystal Polymer       |
| Net Weight                     | 23.515/g                     |
| Number of Rows                 | 1, 5                         |
| Orientation                    | Vertical                     |
| Packaging Type                 | Tray                         |
| PCB Locator                    | No                           |
| PCB Retention                  | None                         |
| PCB Thickness - Recommended    | 1.58mm                       |
| PC Tail Length                 | 2.50mm, 2.83mm               |
| Pitch - Mating Interface       | 2.00mm, 8.00mm               |
| Polarized to Mating Part       | Yes                          |
| Polarized to PCB               | Yes                          |
| (p)ower-(s)ignal Configuration | 3sp - 30s - 3sp              |
| Stackable                      | No                           |
| Temperature Range - Operating  | -40° to +105°C               |
| Termination Interface Style    | Through Hole - Compliant Pin |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                                                                                         | Part Number                       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| EXTreme Ten60Power Right-Angle Plug with Guides, 3 Split Power Circuits, 30 Signal Circuits, 3 Split Power Circuits, Press Fit Tail | <u><a href="#">1710888428</a></u> |