



## Datasheet for part number TN6S24-0428P1L

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|--------------------------------------------------------------------------|
| Our Catalog Part Number: TN6S24-0428P1L                                  |
| Our Global Manufacturing Part Number: 192900-0015                        |
| Brand: Cannon Product Category: Trident Product Line: Trident Series: TN |

| Product Datasheet         |                                                                                                                                                                    |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Series                    | Trident Neptune                                                                                                                                                    |
| Operating Voltage         | Up to 250 V ac rms                                                                                                                                                 |
| Contact Current Rating    | Up to 13 A<br>Up to 16 A with High Conductivity Contacts<br>Up to 30 A with High Power Contacts                                                                    |
| Operating Temperature     | -55°C to +105°C                                                                                                                                                    |
| Insulation Resistance     | 5000 Megaohms at 500 V dc                                                                                                                                          |
| Durability                | Up to 500 Mating Cycles                                                                                                                                            |
| Sealing                   | Up to IP67                                                                                                                                                         |
| Flammability Rating       | UL94-V0                                                                                                                                                            |
| Materials and Finishes    | Connector Body: Black Nylon<br>Coupling Ring: Nickel Plated Copper Alloy<br>Bayonet Pins: Stainless Steel<br>Bayonet Pins Support Band: Nickel Plated Copper Alloy |
| Shell Style               | Plug                                                                                                                                                               |
| Sealing Class             | Sealed: With Grommet and nut                                                                                                                                       |
| Shell Size                | 24                                                                                                                                                                 |
| Number of Power Contacts  | 04                                                                                                                                                                 |
| Number of Contacts        | 28                                                                                                                                                                 |
| Contact Style             | Pin                                                                                                                                                                |
| Connector Finish/Material | Standard (Nickel Plated Metal Parts)                                                                                                                               |
| Packaging                 | Single Pack                                                                                                                                                        |
| Modification Code         | Standard part                                                                                                                                                      |