

# PX0748/S/05/RD2 Datasheet

**Product Name // Flex Cable Connector PX0748 Series 4**  
**Contact Socket Screw Termination (Contacts Supplied Fitted) 5mm-7mm Cable Red Insert**

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## // Product Description:

- Flex Cable Connectors
- Water and dustproof to IP68 when mated with compatible connector
- Plug or Socket
- 2, 3, 4, 6, 7, 9, 12, 25 Contact with leading Earth contact on 3 Contact Socket versions
- Screw, Crimp, Crimp/Solder Terminations depending on part code and number of Contacts
- Screw contacts supplied fitted, Crimp contacts supplied loose (Crimp/Solder contacts and fitting tools available separately)
- Choice of cable acceptance 3.5mm-9mm diameter depending on part code (see data for details)
- Cable Glands for differing cable diameters available separately individually or in packs
- Cable Support accessory 12237 available separately to provide extra support for smaller cables (5mm-9mm diameter)
- Choice of coloured inserts/gland nuts to enable positive visual identification of connector:
- Part codes suffixed with a colour code followed by 2 have that colour insert with black gland nut, part codes suffixed with a colour code followed by 1 have the same colour insert and gland nut
- Colour choices and colour codes: Blue (BL), Green (GN), Grey (GY), Light Grey (LG), Red (RD), White (WH), Yellow (YL), Black (standard colour, no suffix code)
- PX0734 Sealing Cap available separately to maintain IP rating of unmated connectors
- Mate with PX07 Series Inline and Panel Mount Connectors

## // General Information:

|                                 |                              |
|---------------------------------|------------------------------|
| Product Display Title:          | Flex Cable Connectors        |
| Product Family:                 | Circular Power Connectors    |
| Product Series:                 | Standard Buccaneer           |
| Approvals:                      | UL                           |
| Body Material:                  | Polyamide (PA)- Glass Filled |
| Body Material Type:             | Plastic Body                 |
| Contact Type:                   | Socket Contact               |
| Coupling Type:                  | Screw                        |
| Current Max:                    | 10A                          |
| Diameter Over Coupling Ring Mm: | 38.1mm                       |
| Flamability Rating:             | UL94HB                       |
| Function:                       | Flex Cable Connector         |
| Insert Colour:                  | Red Insert                   |
| Ip Rating:                      | IP68                         |
| Max Cable Entry Size:           | 7mm                          |
| Min Cable Entry Size:           | 5mm                          |
| Max Contact Accomodation Awg:   | 17AWG                        |
| Min Contact Accomodation Awg:   | 16AWG                        |
| Max Contact Accomodation Mm2:   | 1.5mm <sup>2</sup>           |
| Min Contact Accomodation Mm2:   | 1mm <sup>2</sup>             |
| Max Operating Temperature:      | +70°C                        |
| Min Operating Temperature:      | -20°C                        |
| Number Of Contacts:             | 4 Contacts                   |
| Voltage Max:                    | 277V                         |

### // Product PDF Links

[Standard Series power connectors...](#)

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### // Product 3D CAD Model Links

[PX0748/S/05/RD23D CAD Model](#)