

# PX0410/10P/5055 Datasheet

**Product Name // Flex Cable Connector PX0410 Series 10**  
**Contact Plug 5.0mm-5.5mm Cable**

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## // Product Description:

- ⊕ Flex Cable Connector
- ⊕ Water and dustproof to IP68 when mated with compatible connector
- ⊕ Pin or Socket
- ⊕ 2, 3, 4, 6, 8, 10 or 12 Contact
- ⊕ Crimp or Solder Contacts available (supplied separately; use 8A for 2/3 Contact, 5A for 4/6/8 Contact, 1A for 10/12 Contact)
- ⊕ Contact insertion and crimp tools available (supplied separately)
- ⊕ Choice of cable acceptance 3mm-7mm depending on part code; supplied with Cable Gland and Collet colour coded by size
- ⊕ PX0481 Sealing Cap available separately to maintain IP rating of unmated connectors
- ⊕ Mate with Inline or Panel Mount Connectors PX0401, PX0411, PX0412, PX0413

## // General Information:

|                                 |                           |
|---------------------------------|---------------------------|
| Product Display Title:          | Flex Cable Connector      |
| Product Family:                 | Circular Power Connectors |
| Product Series:                 | 400 Series Buccaneer      |
| Approvals:                      | UL                        |
| Body Material:                  | Polyamide (PA)            |
| Body Material Type:             | Plastic Body              |
| Contact Type:                   | Plug Contact              |
| Coupling Type:                  | Screw                     |
| Current Max:                    | 1A                        |
| Diameter Over Coupling Ring Mm: | 19.1mm                    |
| Flamability Rating:             | UL94V-0                   |
| Function:                       | Flex Cable Connector      |
| Ip Rating:                      | IP68                      |
| Max Cable Entry Size:           | 5.5mm                     |
| Min Cable Entry Size:           | 5.0mm                     |
| Max Contact Accomodation Awg:   | 28AWG                     |
| Min Contact Accomodation Awg:   | 24AWG                     |
| Max Contact Accomodation Mm2:   | 0.25mm2                   |
| Min Contact Accomodation Mm2:   | 0.08mm2                   |
| Max Operating Temperature:      | +80°C                     |
| Min Operating Temperature:      | -40°C                     |
| Number Of Contacts:             | 10 Contacts               |
| Voltage Max:                    | 50V                       |

### // Product PDF Links

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

[400 Series power connectors wiring...](#)

### // Product 3D CAD Model Links

[PX0410/10P/50553D CAD Model](#)