










# PX0411/02S/4550 Datasheet

**Product Name // Inline Cable Connector PX0411 Series 2**  
**Contact Socket 4.5mm-5.0mm Cable**

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## // Product Description:

-  Inline 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
-  PX0480/1 Sealing Cap available separately to maintain IP rating of unmated connectors
-  Mate with Flex Cable Connectors PX0400, PX0402, PX0410

## // General Information:

|                                 |                           |
|---------------------------------|---------------------------|
| Product Display Title:          | Inline 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:                   | Socket Contact            |
| Coupling Type:                  | Screw                     |
| Current Max:                    | 8A                        |
| Diameter Over Coupling Ring Mm: | 19.1mm                    |
| Flamability Rating:             | UL94V-0                   |
| Function:                       | Inline Cable Connector    |
| Ip Rating:                      | IP68                      |
| Max Cable Entry Size:           | 5.0mm                     |
| Min Cable Entry Size:           | 4.5mm                     |
| Max Contact Accomodation Awg:   | 24AWG                     |
| Min Contact Accomodation Awg:   | 20AWG                     |
| Max Contact Accomodation Mm2:   | 0.5mm <sup>2</sup>        |
| Min Contact Accomodation Mm2:   | 0.25mm <sup>2</sup>       |
| Max Operating Temperature:      | +80°C                     |
| Min Operating Temperature:      | -40°C                     |
| Number Of Contacts:             | 2 Contacts                |
| Voltage Max:                    | 250V                      |

### // Product PDF Links

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

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

### // Product 3D CAD Model Links

 [PX0411/02S/45503D CAD Model](#)