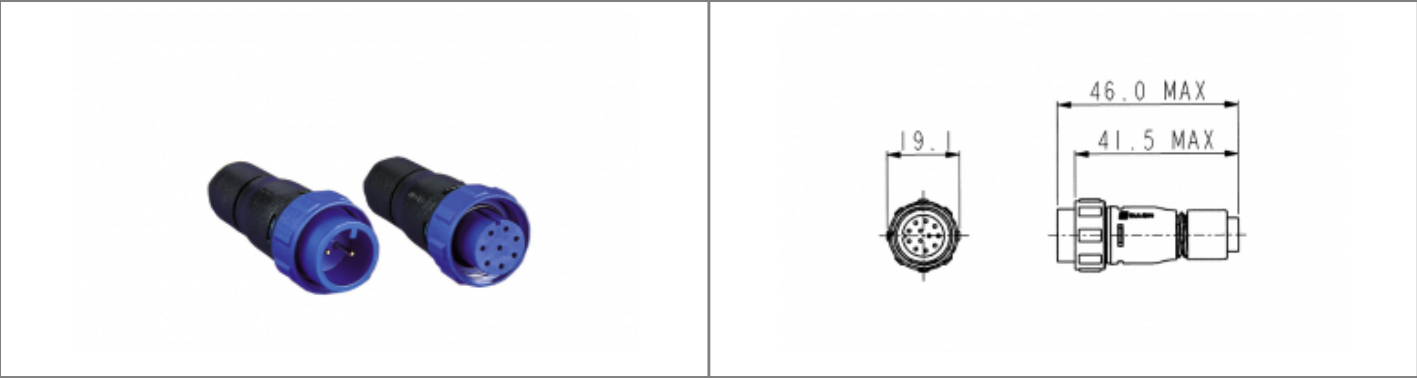


# PX0410/12S/6570 Datasheet

Product Name // Flex Cable Connector PX0410 Series 12  
Contact Socket 6.5mm-7.0mm Cable

 [View Product Page](#)



| // Product Description:                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Flex Cable Connector</li><li>Water and dustproof to IP68 when mated with compatible connector</li><li>Pin or Socket</li><li>2, 3, 4, 6, 8, 10 or 12 Contact</li><li>Crimp or Solder Contacts available (supplied separately; use 8A for 2/3 Contact, 5A for 4/6/8 Contact, 1A for 10/12 Contact)</li></ul> | <ul style="list-style-type: none"><li>Contact insertion and crimp tools available (supplied separately)</li><li>Choice of cable acceptance 3mm-7mm depending on part code; supplied with Cable Gland and Collet colour coded by size</li><li>PX0481 Sealing Cap available separately to maintain IP rating of unmated connectors</li><li>Mate with Inline or Panel Mount Connectors PX0401, PX0411, PX0412, PX0413</li></ul> |

| // 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:                   | Socket 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:           | 7.0mm                     |
| Min Cable Entry Size:           | 6.5mm                     |
| 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:             | 12 Contacts               |
| Voltage Max:                    | 50V                       |

// Product PDF Links

 400 Series power connectors...

 400 Series power connectors wiring...

// Product 3D CAD Model Links

 PX0410/12S/65703D CAD Model