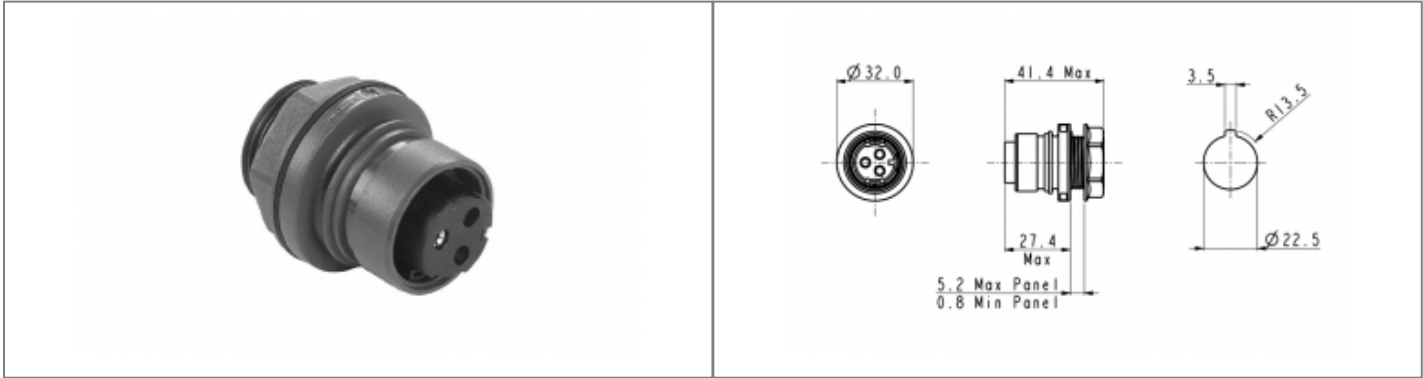


# PXP6012/03P/CR Datasheet

**Product Name** // **Front Panel Mount Connector PXP6012**  
**Series 3 Contact Plug Crimp/Solder Termination (contacts available separately) Plastic Body**

 [View Product Page](#)



## // Product Description:

- Front Panel Mount Connectors
- Water and dustproof to IP66, IP68, IP69K when mated with compatible connector
- 30 degree push twist locking, tamperproof lock prevents accidental un-mating
- Plug
- 3 Contacts
- Crimp/solder termination with contacts and fitting tool available separately
- Plastic Body
- PXP6083 Sealing Cap available separately to maintain IP rating of unmated connectors
- Mate with PXP6010 Series Flex Connectors

## // General Information:

|                                 |                                                                 |
|---------------------------------|-----------------------------------------------------------------|
| Product Display Title:          | Front Panel Mount Connectors                                    |
| Product Family:                 | Circular Power Connectors                                       |
| Product Series:                 | 6000 Series Buccaneer                                           |
| Approvals:                      | cUL, UL, VDE                                                    |
| Body Colour:                    | Grey                                                            |
| Body Material:                  | Polycarbonate/Polybutylene Terephthalate (PC/PBT)               |
| Body Material Type:             | Plastic Body                                                    |
| Contact Type:                   | Plug Contact                                                    |
| Coupling Type:                  | Push-Twist                                                      |
| Current Max:                    | 16A, 11A                                                        |
| Diameter Over Coupling Ring Mm: | 32mm                                                            |
| Flamability Rating:             | UL94V-0                                                         |
| Function:                       | Front Panel Mount Connector                                     |
| Insulation Resistance:          | >10 <sup>6</sup> MΩ @500V DC                                    |
| Ip Rating:                      | IP66, IP68, IP69K                                               |
| Max Contact Accomodation Awg:   | 14AWG                                                           |
| Min Contact Accomodation Awg:   | 14AWG                                                           |
| Max Contact Accomodation Mm2:   | 0.52mm2                                                         |
| Min Contact Accomodation Mm2:   | 0.52mm2                                                         |
| Max Operating Temperature:      | +120°C                                                          |
| Min Operating Temperature:      | -40°C                                                           |
| Max Panel Thickness:            | 5.2mm                                                           |
| Min Panel Thickness:            | 0.8mm                                                           |
| Number Of Contacts:             | 3 Contacts                                                      |
| Panel Cut Out:                  | 22.50xR13.5-3.5mm                                               |
| Rohs Compliant:                 | Yes                                                             |
| Salt Spray Corrosion Test:      | EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1 |
| Thread Size:                    | M22x1.5-6g                                                      |
| Voltage Max:                    | 277V                                                            |

### // Product PDF Links

-  6000 Series power connectors...
-  6000 Series metal body power...

### // Product 3D CAD Model Links

-  PXP6012/03P/CR3D CAD Model



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