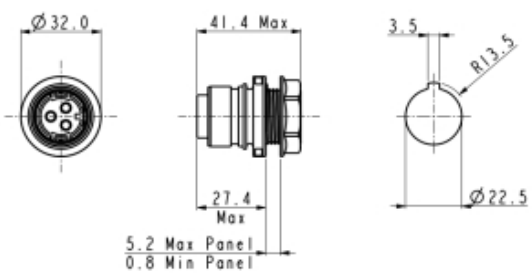
# PXM6012/03S/CR Datasheet

## Product Name // Front Panel Mount Connector PXM6012 Series 3 Pole Socket Crimp/Solder Termination (contacts available separately) Metal 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 or Socket
- 2, 3, 8, 16, 22 Pole with leading Earth contact on 3 Pole versions
- Screw, Crimp/Solder terminations available, depending on part code; Screw contacts supplied fitted, Crimp/Solder contacts and fitting tools available separately
- Choice of body material depending on part code:
- Plastic body (part codes prefixed PXP)
- Metal body (part codes prefixed PXM)
- PXP6083/PXM6083 Sealing Cap available separately to maintain IP rating of unmated connectors
- Mate with PXP6010/PXM6010 Series Flex Connectors

## // General Information:

| | |
|---|---|
| **Product Display Title:** | <h1>Front Panel Mount Connectors</h1> |
| **Product Family:** | Circular Power Connectors |
| **Product Series:** | 6000 Series Buccaneer |
| **Approvals:** | UL,cUL,VDE |
| **Body Colour:** | Metallic Grey |
| **Body Material:** | Brass |
| **Body Material Type:** | Metal Body |
| **Contact Type:** | Socket |
| **Coupling Type:** | Push-Twist |
| **Current Max:** | 16A (VDE, UL)/11A (cUL) |
| **Diameter Over Coupling Ring Mm:** | 32mm |
| **Flamability Rating:** | N/A |
| **Function:** | Front Panel Mount Connector |
| **Insulation Resistance:** | >10?M? @500V DC |
| **Ip Rating:** | IP66,IP68,IP69K |
| **Max Contact Accomodation Awg:** | 14AWG |
| **Min Contact Accomodation Awg:** | 18AWG |
| **Max Contact Accomodation Mm2:** | 1.5mm2 |
| **Min Contact Accomodation Mm2:** | 0.75mm2 |
| **Max Operating Temperature:** | +120°C |
| **Min Operating Temperature:** | -40°C |
| **Max Panel Thickness:** | 5.2mm |
| **Min Panel Thickness:** | 0.8mm |
| **Number Of Contacts:** | 3 |
| **Panel Cut Out:** | 22.50xR13.5-3.5mm |
| **Rohs Compliant:** | Yes |
| **Salt Spray Corrosion Test:** | EN60068-2-11 Test Ka Salt Mist |
| **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

PXM6012/03S/CR3D CAD Model