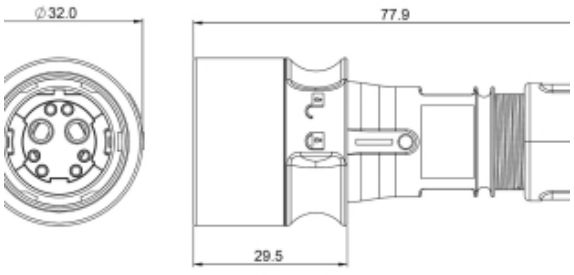
# PXP6070/0206S/CR/0507 Datasheet

## Product Name // Hybrid Flex Cable Connector | 2 Power | 6 Signal | Socket (contacts available separately) | 5mm-7mm Cable Entry

View Product Page






## // Product Description:

- Flex Hybrid Cable Connector
- Water and dustproof to IP66 & IP68 when mated with compatible connector
- 30 degree push twist locking, tamperproof lock prevents accidental un-mating
- Socket
- 2 power contacts with 6 signal contacts
- Crimp/solder termination with contacts and fitting tool available separately
- Plastic Body
- Cable acceptance 5mm-7mm diameter
- Gland Pack PXP6088 available separately to accomodate all sizes
- PXP6081 Sealing Cap available separately to maintain IP rating of unmated connector
- Mates with PXP6071 Series Inline, PXP6072 and PXP6074 Series Front Panel Mount Connectors

## // General Information:

| | |
|---|---|
| Product Display Title: | Hybrid Flex Cable Connector - 2 Power - 6 Signal - Socket (contacts available separately) - 5mm-7mm Cable Entry |
| Product Family: | Circular Power Connectors |
| Approvals: | UL, VDE |
| Body Colour: | Grey |
| Body Material: | Polycarbonate/Polybutylene Terephthalate (PC/PBT) |
| Body Material Type: | Plastic Body |
| Contact Type: | Socket Contact |
| Coupling Type: | Push-Twist |
| Current Max: | 16A, 3A |
| Diameter Over Coupling Ring Mm: | 32mm |
| Flamability Rating: | UL94V-0 |
| Function: | Flex Cable Connector |
| Insulation Resistance: | $>10^6$MΩ @500V DC |
| Ip Rating: | IP66, IP68 |
| Max Contact Accomodation Awg: | 14AWG |
| Min Contact Accomodation Awg: | 26AWG |
| Max Contact Accomodation Mm2: | 2.1mm2 |
| Min Contact Accomodation Mm2: | 0.13mm2 |
| Max Operating Temperature: | 120°C |
| Min Operating Temperature: | -40°C |
| Number Of Contacts: | 8 Contacts |
| Rohs Compliant: | Yes |
| Salt Spray Corrosion Test: | EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1 |
| Voltage Max: | 600V, 60V |

### // Product PDF Links

6000 Hybrid Buccaneer

### // Product 3D CAD Model Links

PXP6070/0206S/CR/05073D CAD Model