

# PXP6042/B Datasheet

**Product Name // Plastic Body Front Panel Mount**

**Connector PXP6042 Series USB Sealed B Socket Front of Panel To Standard A Socket Rear of Panel**

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## // Product Description:

- ⊞ Plastic Body Front Panel Mount Connector
- ⊞ Water and dustproof to IP66, IP68, IP69K when mated with compatible connector
- ⊞ 30 degree push twist locking, tamperproof lock prevents accidental un-mating
- ⊞ Sealed Standard USB socket on external/front panel face, Standard USB socket on internal/rear panel face:
- ⊞ PXP6042/A has Sealed Standard USB Type A socket on front of panel, Standard USB Type B socket on rear of panel
- ⊞ PXP6042/B has Sealed Standard USB Type B socket on front of panel, Standard USB Type A socket on rear of panel
- ⊞ PXP6083 Sealing Cap available separately to maintain IP rating of unmated connectors
- ⊞ Mate with PXP6040, PXP6041 Plastic Body USB Cables

## // General Information:

|                                 |   |
|---------------------------------|---|
| Product Display Title:          | Plastic Body Front Panel Mount Connector          |
| Product Family:                 | Circular Data Connectors                          |
| Product Series:                 | 6000 Series - USB Buccaneer                       |
| Body Material:                  | Polycarbonate/Polybutylene Terephthalate (PC/PBT) |
| Body Material Type:             | Plastic Body                                      |
| Contact Type:                   | Socket Contact                                    |
| Coupling Type:                  | Push-Twist  |
| Current Max:                    | 1A  |
| Data Cable Type:                | Sealed B Socket to Standard A Socket              |
| Diameter Over Coupling Ring Mm: | 32mm  |
| Flamability Rating:             | UL94V-0   |
| Function:                       | Front Panel Mount Connector                       |
| Ip Rating:                      | IP66, IP68, IP69K                                 |
| Max Operating Temperature:      | +120°C  |
| Min Operating Temperature:      | -40°C   |
| Number Of Contacts:             | 4 Contacts  |
| Voltage Max:                    | 30V   |

### // Product PDF Links

[6000 Series USB connectors product...](#)

### // Product 3D CAD Model Links

[PXP6042/B3D CAD Model](#)