

# 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 Configurator:	No
Product Display Title:	Plastic Body Front Panel Mount Connector
Product Family:	Circular Data Connectors
Product Series:	6000 Series - USB Buccaneer
Pdfbuilder Enabled:	Yes
Product Technical Image:	pxp6042b_diagram.jpg
Technical Image:	pxp6042b_diagram.jpg
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
Package Id:	564

### // Product PDF Links

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

### // Product 3D CAD Model Links

[PXP6042/B3D CAD Model](#)