

PXM7010/10S/CR/0507 Datasheet

Product Name // Flex Cable Connector PXM7010 Series 10
Contact Socket Crimp/Solder Termination (contacts available separately) 5mm-7mm Cable (Grey Gland) Metal Body No Braid Termination

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// **Product Description:**

- Flex Cable Connectors
 - Water and dustproof to IP66, IP68, IP69K when mated with compatible connector
 - Quick turn locking ring with less than quarter turn locking and positive feedback
 - Plug or Socket
 - 2, 3, 6, 10, 32 Contact with leading Earth contact on 3 Contact 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). Cable Braid Termination option supplied with part codes suffixed /SN or available separately (part code PXM7090)
 - Choice of cable acceptance 5mm-15mm diameter depending on part code (see data for details)
 - PXP7088 Series Gland Packs available separately to accomodate all sizes
 - PXP7081/PXM7081 Sealing Cap available separately to maintain IP rating of unmated connectors
 - Mate with PXP7011/PXM7011 Series Inline and PXP7012/PXM7012 Series Front Panel Mount Connectors

// **General Information:**

Product Display Title:	Flex Cable Connectors
Product Family:	Circular Power Connectors
Product Series:	7000 Series Buccaneer
Approvals:	UL
Body Material:	Zinc Alloy - Nickel Plated
Body Material Type:	Metal Body No Braid Termination
Contact Type:	Socket Contact
Coupling Type:	Bayonet Lock
Current Max:	10A
Diameter Over Coupling Ring Mm:	42mm
Flamability Rating:	UL94V-0
Function:	Flex Cable Connector
Ip Rating:	IP66
Max Cable Entry Size:	7mm
Min Cable Entry Size:	5mm
Max Contact Accomodation Awg:	20AWG
Min Contact Accomodation Awg:	18AWG
Max Contact Accomodation Mm2:	0.75mm2
Min Contact Accomodation Mm2:	0.5mm2
Max Operating Temperature:	+120°C
Min Operating Temperature:	-40°C
Number Of Contacts:	10 Contacts
Voltage Max:	600V

// **Product PDF Links**

-  7000 Series power connectors...
-  7000 Series metal body power...

// **Product 3D CAD Model Links**

-  PXM7010/10S/CR/05073D CAD Model



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