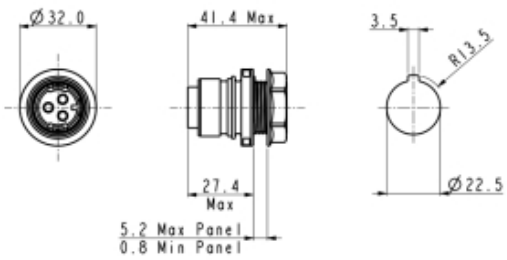
PXP6012/08S/CR Datasheet

Product Name // Front Panel Mount Connector PXP6012 Series 8 Pole Socket Crimp/Solder Termination (contacts available separately) Plastic 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:	Front Panel Mount Connectors
Product Family:	Circular Power Connectors
Product Series:	6000 Series Buccaneer
Approvals:	UL,cUL,VDE
Body Colour:	Grey
Body Material:	Polycarbonate/Polybutylene Terephthalate (PBT)
Body Material Type:	Plastic Body
Contact Type:	Socket
Coupling Type:	Push-Twist
Current Max:	10A (VDE)/7A (UL)/4A (cUL)
Diameter Over Coupling Ring Mm:	32mm
Flamability Rating:	UL94V-0
Function:	Front Panel Mount Connector
Insulation Resistance:	$>10^6$MΩ @500V DC
Ip Rating:	IP66,IP68,IP69K
Max Contact Accomodation Awg:	18AWG
Min Contact Accomodation Awg:	20AWG
Max Contact Accomodation Mm2:	0.75mm2
Min Contact Accomodation Mm2:	0.5mm2
Max Operating Temperature:	+120°C
Min Operating Temperature:	-40°C
Max Panel Thickness:	5.2mm
Min Panel Thickness:	0.8mm
Number Of Contacts:	8
Panel Cut Out:	22.50xR13.5-3.5mm
Rohs Compliant:	Yes
Salt Spray Corrosion Test:	EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1
Thread Size:	M22x1.5-6g
Voltage Max:	277V

// Product PDF Links

6000 Series power connectors...

6000 Series plastic body power...

// Product 3D CAD Model Links

PXP6012/08S/CR3D CAD Model