

Buccaneer[®] Mini Sealed Connector

Issue date: 06.99

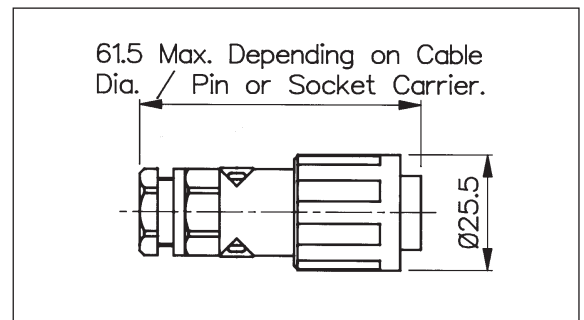
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Connector Body Styles



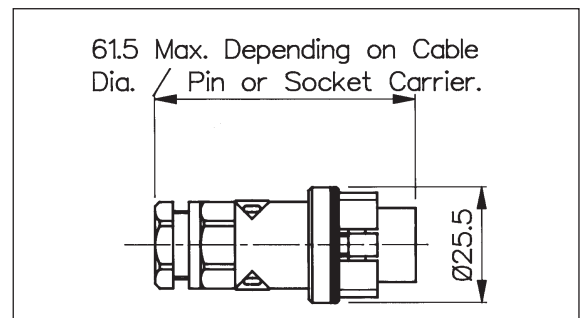
PX0800

- Flex Cable Connector
- Screw locking ring
- Mates with Flex In-line or Panel Mounting versions
- Suitable for Pin or Socket inserts



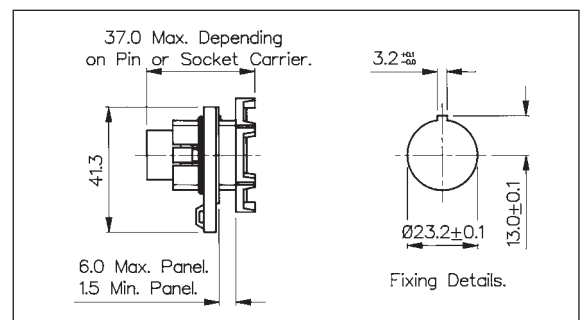
PX0801

- In-line Flex Cable Connector
- Mates with PX0800
- Suitable for Pin or Socket inserts



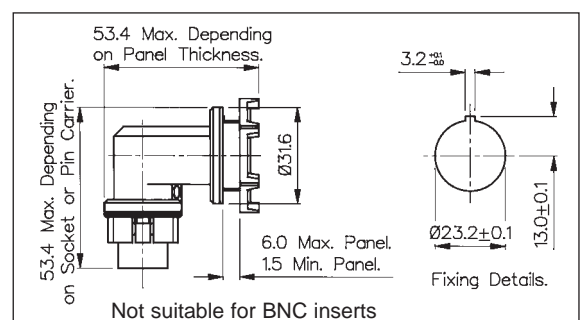
PX0802

- Chassis Mounting
- Mates with PX0800
- With cap retaining cup
- Single nut fixing
- Suitable for Pin or Socket inserts



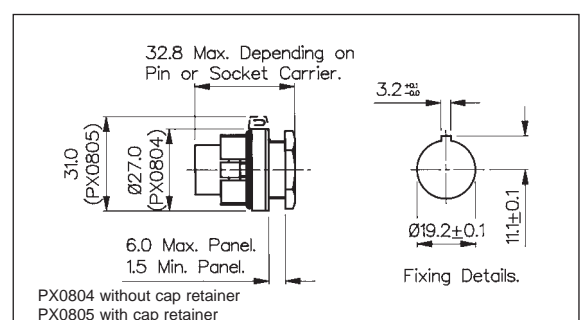
PX0803

- Chassis Mounting
- Mates with PX0800
- Right angle cable entry
- Single nut fixing
- Suitable for Pin or Socket inserts



PX0804 & PX0805

- Chassis Mounting
- Mates with PX0800
- With or without cap retaining cup
- Single nut fixing
- Suitable for Pin or Socket inserts



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Contact Inserts and Accessories



Screw Terminals Inserts

Screw Terminal Inserts

Fit all body styles.

No. Poles	Socket	Pin
3	SA3229	SA3230
4	SA3242	SA3241
6	SA3244	SA3243



Contact Carriers Inserts
shown fitted with contacts

Solder & Crimp Contact Carrier Inserts

Fit all body styles.

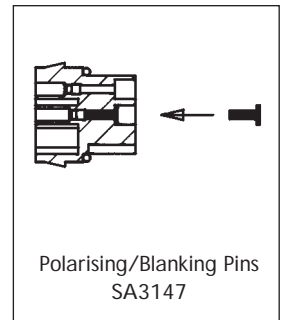
No. Poles	Solder	Colour	Crimp	Colour
8 pin	12734/1	Black	12734	Grey
8 socket	12735/1	Black	12735	Grey
3 pin	12734/3/1	Black	12734/3	Grey
3 socket	12735/3/1	Black	12735/3	Grey



Contacts,
Polarising/Blanking Pins

Contacts - Solder & Crimp

Contacts (Supplied in packs of 10)	Solder	Crimp
Pins	SA3148/1	SA3148
Sockets	SA3149/1	SA3149
Polarising/Blanking Pins:	SA3147	
Contact Insertion Tool:	SA3150	
Must be used to insert contacts into carrier.		
Crimping Tool:	SA2800	



Polarising/Blanking Pins
SA3147



BNC Inserts
Shown Assembled

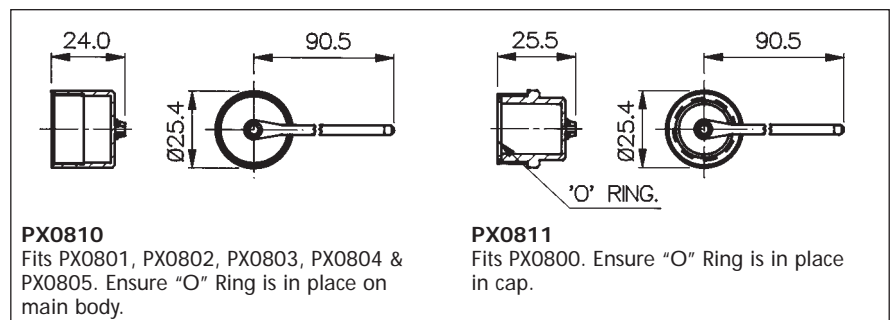
BNC Inserts

Fit all body styles except PX0803.

Impedance	Contacts	Part No.
50Ω	Plug	SA3159/1
50Ω	Socket	SA3157/1
75Ω	Plug	SA3159
75Ω	Socket	SA3157



Sealing Caps
To maintain IP rating



PX0810
Fits PX0801, PX0802, PX0803, PX0804 & PX0805. Ensure "O" Ring is in place on main body.

PX0811
Fits PX0800. Ensure "O" Ring is in place in cap.

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Specification

Electrical	Solder/Crimp Terminals	Screw Terminals	BNC
Rating:	5A, 380V a.c.	3 way 10A, 250V a.c. 4 way 6A, 250V a.c. 6 way 3A, 250V a.c.	
Contact Resistance:	<5mΩ		
Insulation Resistance:	>10 ⁶ MΩ @ 500V d.c.		
Voltage Proof:	2kV @ 50Hz		
Operating Temp. Range:	-20°C to +70°C		
Materials	Solder/Crimp Terminals	Screw Terminals	
Body Mouldings:	Nylon UL94V-0		
Inserts:	Nylon UL94V-0		
Contacts:	Copper Alloy, Gold Plated (0.1µm) on Nickel	Brass, Nickel Plated	Brass, Silver Plated.
O Rings:	Nitrile		
Mechanical	Solder/Crimp Terminals	Screw Terminals	
Sealing:	Protection Classification IP68, BS EN60529: 1992		
Cable Acceptance	5 - 7mm Overall dia (Standard) 3.5 - 5mm Overall dia (Optional) 6 - 8 mm Overall dia (Optional) 7 - 9mm Overall dia (Optional)		
Conductors:	0.2 - 0.5mm ² (20 - 24 AWG)	1mm ² max (18 AWG)	50Ω: RG58/CU, URM43, URM76 75Ω: URM70
Insertion Force (typical):	3 Way: 5N (1.1lbf) 8 Way: 14N (3.1lbf) 6 way: 140N (31lbf)	3 way: 45N (10lbf) 4 way: 50N (11lbf)	
Withdrawal Force (typical):	3 Way: 3N (0.66lbf) 8 Way: 12N (2.6lbf) 6 way: 150N (68lbf)	3 way: 32N (7lbf) 4 way: 40N (9lbf)	
Tightening Torques			
Gland Nut, PX0800, 801:	1.13Nm (10lbf in)		
Rear Nut, PX0802, 803, 804, 805:	0.7Nm min, 1.7Nm max (6.2lbf in min, 15lbf in max)		
Sealing Cap, PX0810, 811:	0.23Nm min, 1.13Nm max (2lbf in min, 10lbf in max)		

How To Order

- 1 Body Type.
- 2 Contact Carrier Inserts. Choose number poles, and type of contacts (solder, crimp, screw terminal or BNC).
- 3 Pins or Sockets. Solder and crimp types supplied separately in packs of ten.
- 4 Polarising/Blanking Pins. If required for solder/crimp contact inserts. Supplied in packs of ten.
- 5 Contact Insertion Tool. If required for solder/crimp contact inserts.
- 6 Crimping Tool. If required for crimp contact inserts.
- 7 Sealing Cap (if required).

Cable Acceptance 5 - 7mm fitted as standard

	Cable dia.	Part Nos. To Order Glands Separately	Sealing Gland Colour
As Fitted	5 - 7mm	12023/1	White
Suffix /04	3.5 - 5mm	12023/5	Grey
Suffix /06	6 - 8mm	12023	Black
Suffix /07	7 - 9mm	12023/2	Yellow

To order body with alternative cable gland add suffix to part no. e.g.
PX0800/06 = PX0800 body with cable gland to suit 6-8mm dia. cable.