Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Mini Buccaneer

bulgin
a brand of Elektron Technology

- Water and dustproof to IP68 when mated

- IP68 rating tested at 1.054kg/sq cm (15lb/sq in) 10m depth for 2 weeks

- 2, 3, 4 or 6 pole screw terminal inserts

- 3 or 8 pole solder or crimp inserts

- 5 body styles, Flex, Flex In-Line, Panel (2 styles), Panel Side Entry

- 50Ω or 75Ω BNC inserts

- 5A, 380V a.c. 3 & 8 way solder/crimp terminals

- 10A, 250V a.c. 2 & 3 way screw terminals

- 6A, 250V a.c. 4 way screw terminal

- 3A, 250V a.c. 6 way screw terminals

- EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1

- Plug or socket connection in each body style

- Cable range from 3.5mm - 9mm

- Diameter over coupling ring 26mm

- Positive locating keyways - cannot be mis-mated

- Sealing caps available to maintain IP68 rating of unmated connectors

- Flammability rating UL94V-0 material

- Leading earth pin is on 3, 4 & 6 pole screw terminal versions only

- Compact design

- Easy assembly - no special tools required on screw terminal versions
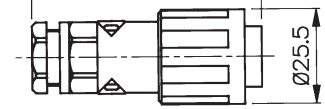
- UL approval

Flex Cable Connector

PX0800 - shown with insert

- PX0800 Connector body
- Mates with Flex In-line or Panel Mounting versions
- Screw locking ring
- Suitable for Pin or Socket inserts
- Cable Acceptance 3.5-9mm (Standard 5-7mm)
- Contact inserts supplied separately

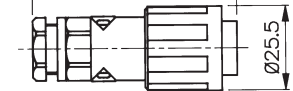61.5 Max. Depending on Cable Dia. / Pin or Socket Carrier.

Ø25.5

Inline Flex Cable Connector

PX0801 - shown with insert

- PX0801 Connector body
- Mates with PX0800 - Flex Cable connector
- Suitable for Pin or Socket inserts
- Cable Acceptance 3.5-9mm (Standard 5-7mm)
- Contact inserts supplied separately

61.5 Max. Depending on Cable Dia. / Pin or Socket Carrier.
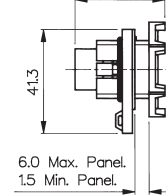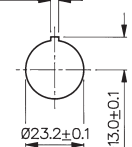
Ø25.5

Panel Mounting

PX0802 - shown with insert

- PX0802 Connector body
- Mates with PX0800 - Flex Cable connector
- Single hole fixing
- Suitable for Pin or Socket inserts
- Contact inserts supplied separately

37.0 Max. Depending on Pin or Socket Carrier.

41.3

6.0 Max. Panel.
1.5 Min. Panel.

3.2 +0.1 -0.0

Ø23.2±0.1

13.0±0.1
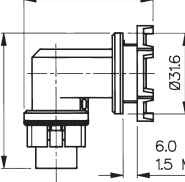
Fixing Details.

Panel Mounting
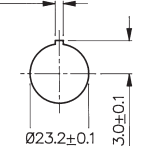
PX0803 - shown with insert

- PX0803 Connector body
- Mates with PX0800 - Flex Cable connector
- Right angle cable entry
- Single hole fixing
- Suitable for Pin or Socket inserts
- Contact inserts supplied separately

53.4 Max. Depending on Panel Thickness.

53.4 Max. Depending on Socket or Pin Carrier.

Ø31.6

6.0 Max. Panel.
1.5 Min. Panel.

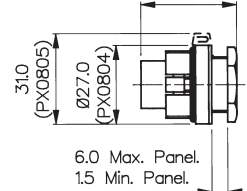3.2 +0.1 -0.0

Ø23.2±0.1

13.0±0.1
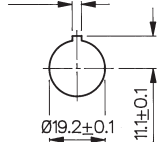
Fixing Details.

Panel Mounting

PX0805 - shown with insert

- PX0804 and PX0805 Connector bodies
- Mates with PX0800 - Flex Cable connector
- PX0804 without sealing cap retaining clip, PX0805 with sealing cap retaining clip
- Single hole fixing
- Suitable for Pin or Socket inserts
- Contact inserts supplied separately

32.8 Max. Depending on Pin or Socket Carrier.

31.0 (PX0805)
Ø27.0 (PX0804)

6.0 Max. Panel.
1.5 Min. Panel.

3.2 +0.1 -0.0

Ø19.2±0.1

11.1±0.1

Fixing Details.

Screw Terminal Inserts

- 2, 3, 4 and 6 Poles
- Fits all Body Styles
- Leading Earth Pin on 3, 4 and 6 pole inserts
- Nickel Plated contacts

Screw Terminal Inserts - fits all body styles

No. poles	Sockets	Pins
2	SA3319	SA3320
3	SA3229	SA3230
4	SA3242	SA3241
6	SA3244	SA3243

Contact Carrier Inserts

- For Solder or Crimp Contacts
- 3 or 8 Pin
- Fits all Body Styles
- Contacts Supplied Separately

Inserts shown with contacts fitted

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

- Gold Plated contacts
- Solder or Crimp
- Polarising/Blanking pins

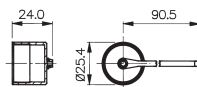### Contacts - Solder & Crimp - for contact carrier inserts

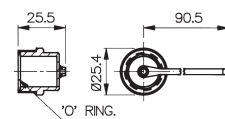| Contacts (Supplied in packs of 10)	Solder	Crimp
Pins	SA3148/1	SA3148
Sockets	SA3149/1	SA3149
Polarising/Blanking Pins	SA3147	
Contact Insertion Tool: Must be used to load contacts into inserts.	SA3150	
Crimping Tool	SA2800	

Sealing Caps

To maintain IP rating

PX0810

24.0   90.5   Ø25.4

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

PX0811.

25.5   90.5   Ø25.4   'O' RING.

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

Mini Buccaneer Contact Inserts and Accessories

Electrical	Solder/Crimp Terminals	Screw Terminals			BNC
No Poles:	3, 8	2, 3	4	6	
Current Rating:	5A	10A	6A	3A	
Voltage Rating:	380V ac	250V ac	250V ac	250V ac	
Contact Resistance:	<5mΩ				
Insulation Resistance:	>10^6MΩ @ 500V d.c.				
Voltage Proof:	2kV @ 50Hz				
Operating Temp. Range:	–20°C to +70°C				

Approvals:
🆄🅻 E214972

Materials	Solder/Crimp Terminals	Screw Terminals	BNC
Body Mouldings:	Polyamide UL94V-0	Polyamide UL94V-0	
Inserts:	Polyamide UL94V-0	Polyamide UL94V-0	
Contacts:	Copper Alloy, Gold Plated (0.1µm) on Nickel	Brass, Nickel Plated	Brass, Silver Plated.
O Rings:	Nitrile		
RoHS	Compliant	Compliant	Compliant

Mechanical	Solder/Crimp Terminals	Screw Terminals	BNC
Sealing:	Protection Classification IP68, EN 60529:1992+A2:2013 Tested @ 1.054kg/sq.cm. (15lb/sq.in.) 10m depth for 2 weeks.		
Salt Mist:	EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1		
Cable Acceptance	5-7.00mm dia - standard gland 3.5-9.00mm dia - alternative glands		
Contact Accommodation:	0.2 - 0.5mm2 (20 - 24 AWG)	1mm² max (18 AWG)	50Ω: RG58/CU, URM43, URM76
Insertion Force (typical):	3 way: 5N (1.1lbf) 8 way: 14N (3.1lbf)	3 way: 45N (10lbf) 4 way: 50N (11lbf) 6 way: 140N (31lbf)	75Ω: URM70
Withdrawal Force (typical):	3 way: 3N (0.66lbf) 8 way: 12N (2.6lbf)	3 way: 32N (7lbf) 4 way: 40N (9lbf) 6 way: 150N (34lbf)	

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

⬡ Choose body type, check cable diameter and sealing gland size.

⬡ Determine contact carrier inserts. Choose number of poles, and type of contacts (solder, crimp, screw terminal or BNC).

⬡ Choose pins or sockets. Solder and crimp contacts are supplied separately in packs of ten.

⬡ Choose polarising/blanking pins. If required for solder/crimp contact inserts. Supplied in packs of ten.

⬡ Is an insertion tool required (for solder or crimp contacts)?

⬡ Is a crimp tool required?

⬡ Is a sealing cap required?

Cable Glands

Cable gland for 5-7mm fitted as standard.
BNC Insert Kit includes gland & washer to fit coax cable.

Cable Diameter	Gland Part No.	Gland Colour	Additional Suffix
5-7mm	12023/1	White	Fitted as standard
3.5-5mm	SA3426	Grey	Suffix /04†
6-8mm	12023	Black	Suffix /06
7-9mm	12023/2	Yellow	Suffix /07
Gland Pack	PX0812		Pack of 3 glands to suit cables 3.5-5mm, 6-8mm, 7-9mm dia†

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.
†Includes additional black gland cage for 3.5-5mm dia. cable range.