



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!



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- IP68 rating tested at 1.054kg/sq cm (15lb/sq in) 10m depth for 2 weeks
- IP69K, Tested in accordance with DIN 40050/Part 9 IP6k9k
- 32A, 600V ac/dc rating
- 2, 3, 4, 5, 7 and 10 pole
- Plug or socket connection in each body style
- Water and dustproof to IP68 when mated
- 'Scoop proof' contacts
- Field termination - screw terminations
- Positive locating keyways - cannot be mis-connected
- Sealing caps available to maintain IP68 rating of unmated connectors
- Leading earth contact for 3, 4, 5 and 7 pole versions
- EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1
- Trailing Neutral on 5 pole
- Compact design
- Easy assembly - no special tools required
- Single or 3 phase applications
- Bulkhead moulding available for use with flange mounting body for 45° or 90° mounting (order each separately)
- Cost effective solution
- Cable accommodation 7-22mm O/D
- Two cable connector versions for 15mm and 22mm (maximum) cable diameters
- Separate strain relief on large cable version
- CCC, UL, CSA and VDE approvals

Flex Cable Connector



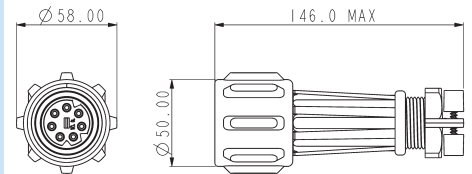
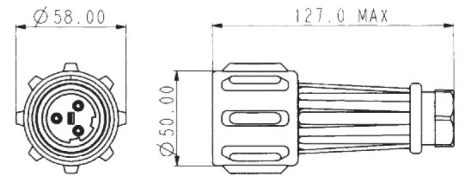
PX0911

Flex Cable Connector



PXA911

- Mates with in-line flex or panel mounting versions
- Positive, fast acting locking ring - can be turned with a gloved hand
- Plug or socket versions
- PX0 Series 13-15mm cable dia. as standard, 7-13mm with additional gland pack
- PXA Series 20-22mm cable dia. as standard, 14-20mm with additional gland pack
- Strain Relief Clamp



Standard Cable	Large Cable	Description	Standard Cable	Large Cable	Description
PX0911/02/P	PXA911/02/P	2 pole Plug	PX0911/02/S	PXA911/02/S	2 pole Socket
PX0911/03/P	PXA911/03/P	3 pole Plug	PX0911/03/S	PXA911/03/S	3 pole Socket
PX0911/04/P	PXA911/04/P	4 pole Plug	PX0911/04/S	PXA911/04/S	4 pole Socket
PX0911/05/P	PXA911/05/P	5 pole Plug	PX0911/05/S	PXA911/05/S	5 pole Socket
PX0911/07/P	PXA911/07/P	7 pole Plug	PX0911/07/S	PXA911/07/S	7 pole Socket
PX0911/10/P	PXA911/10/P	10 pole Plug	PX0911/10/S	PXA911/10/S	10 pole Socket

In-Line Flex Cable Connector



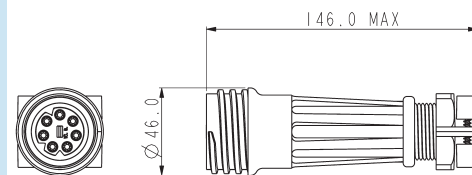
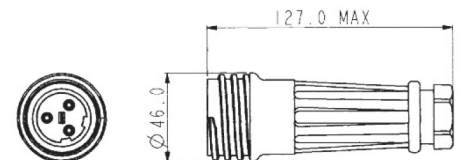
PX0921

In-Line Flex Cable Connector



PXA921

- Mates with either PX0911 or PXA911 connectors
- Plug or socket versions
- PX0 Series 13-15mm cable dia. as standard, 7-13mm with additional gland pack
- PXA Series 20-22mm cable dia. as standard, 14-20mm with additional gland pack
- Strain Relief Clamp



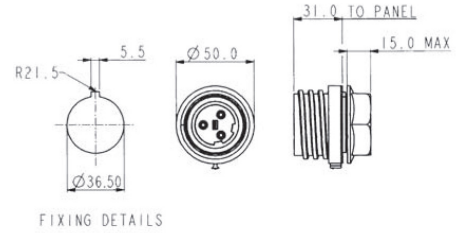
Standard Cable	Large Cable	Description	Standard Cable	Large Cable	Description
PX0921/02/P	PXA921/02/P	2 pole Plug	PX0921/02/S	PXA921/02/S	2 pole Socket
PX0921/03/P	PXA921/03/P	3 pole Plug	PX0921/03/S	PXA921/03/S	3 pole Socket
PX0921/04/P	PXA921/04/P	4 pole Plug	PX0921/04/S	PXA921/04/S	4 pole Socket
PX0921/05/P	PXA921/05/P	5 pole Plug	PX0921/05/S	PXA921/05/S	5 pole Socket
PX0921/07/P	PXA921/07/P	7 pole Plug	PX0921/07/S	PXA921/07/S	7 pole Socket
PX0921/10/P	PXA921/10/P	10 pole Plug	PX0921/10/S	PXA921/10/S	10 pole Socket

Panel Mounted Connector



PX0931

- Mates with PX0911 and PXA911 connectors
- Single hole fixing
- Anti-rotation key
- High grade sealing gasket
- 3-7mm panel thickness



Panel Mounting

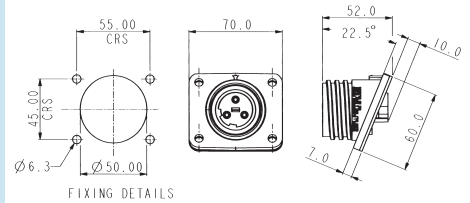
PX0931/02/P	2 pole Plug	PX0931/02/S	2 pole Socket
PX0931/03/P	3 pole Plug	PX0931/03/S	3 pole Socket
PX0931/04/P	4 pole Plug	PX0931/04/S	4 pole Socket
PX0931/05/P	5 pole Plug	PX0931/05/S	5 pole Socket
PX0931/07/P	7 pole Plug	PX0931/07/S	7 pole Socket
PX0931/10/P	10 pole Plug	PX0931/10/S	10 pole Socket

Flange Mounted Connector



PX0941

- Mates with PX0911 and PXA911 connectors
- Supplied with high grade sealing gasket
- Supplied with sealing grommets for panel fixing screws (M6 thread recommended)



Flange Mounting

PX0941/02/P	2 pole Plug	PX0941/02/S	2 pole Socket
PX0941/03/P	3 pole Plug	PX0941/03/S	3 pole Socket
PX0941/04/P	4 pole Plug	PX0941/04/S	4 pole Socket
PX0941/05/P	5 pole Plug	PX0941/05/S	5 pole Socket
PX0941/07/P	7 pole Plug	PX0941/07/S	7 pole Socket
PX0941/10/P	10 pole Plug	PX0941/10/S	10 pole Socket

Additional Bulkhead Adaptor Moulding



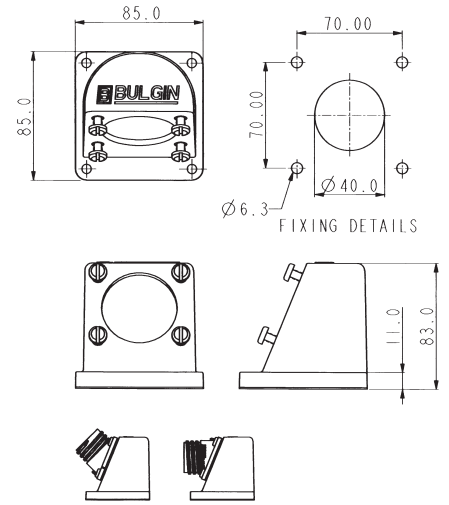
PX0950

Additional Bulkhead Adaptor Moulding



PX0950 & PX0941

- For use with flange mounting connector PX0941, to give 45° or 90° angle
- Supplied with high grade sealing gasket
- Supplied with sealing grommets for panel fixing screws (M6 thread recommended)



Accessories



PX0960, PX0970

- Sealing caps to maintain IP68 rating of unmated connectors, with plastic straps

Sealing Caps

- PX0960 Sealing cap for use with PX0911/xx/x and PXA911/xx/x
- PX0970 Sealing cap for use with all other styles
- PX0990 Heavy duty sealing cap for use with PX0911/xx/x and PXA911/xx/x
- PX0991 Heavy duty sealing cap for use with PX0921/xx/x and PXA921/xx/x
- PX0992 Heavy duty sealing cap for use with PX0931W and PX0941

Accessories



PX0990, PX0991, PX0992

- Heavy duty sealing caps to maintain IP68 rating of unmated connectors, with stainless steel straps

Gland Packs

- PX0980 Pack of 3 additional cable glands for PX0911 and PX0921 to suit cable sizes; 11-13mm, 9-11 and 7-9mm dia.
- PXA980 Pack of 3 additional cable glands for PXA911 and PXA921 to suit cable sizes; 18-20mm, 16-18 and 14-16mm dia.

BUCCANEER FOR POWER

900 Series Buccaneer

Specifications



Electrical

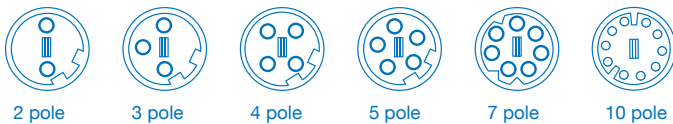
No Poles:	2, 3	4, 5	7	10†
Current Rating:	32A 30A, CSA	32A 25A, CSA	32A 25A, CSA*	10A UL
Voltage Rating:	600V ac/dc	600V ac/dc	430V ac/dc	250V ac/dc
Contact Resistance:	<10m Ω (initial)			
Insulation Resistance:	>10 ⁹ MΩ (@ 500V dc)			
Dielectric strength:	2.2kV ac min			
AC Breakdown voltage:	6kV			
Operating Temperature Range:	-40°C to +85°C			
Approvals:	E214972 1211899 40003148 2011010203500396 – 10 Amp Rated 2011010203500396 – 32 Amp Rated			

*with 75°C min. rated cable

Material

Body Mouldings:	Polyamide
Flammability Rating:	UL94V-0
UV Resistance:	To EN50021: 1999
Contacts:	Machined Solid Brass, Nickel plated
O Rings:	Nitrile
Panel Sealing Gasket:	Silicone Rubber
RoHS	Compliant

Contact Layout



Dimensions

Overall dimensions of connectors when mated together

PX0911 + PX0921 230 mm max.
 PXA911 + PXA921 270 mm max.

PX0911 + PX0931 135 mm max. (to panel)
 PXA911 + PX0931 175 mm max. (to panel)

PX0911 + PX0941 145 mm max.
 (to panel, mid point on flange)

PXA911 + PX0941 174 mm max.
 (to panel, mid point on flange)

Mechanical:

Sealing:	IP69K, Tested in accordance with DIN 40050/Part 9 IP6K9K. IP68, EN60529:1992+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:	PX0911-PX0921 13 - 15mm O/D standard, 7-13mm with gland pack PXA911-PXA921 20 - 22mm O/D standard, 14 - 20mm with gland pack
Contact Accommodation:	2-7 pole - 2.5 to 4mm ² (13 to 10AWG) conductor, single or multi stranded 10 pole - 0.75 to 2mm ² (14 to 18AWG) conductor, single or multi stranded
Termination:	Axial screw terminals

Cable Retention force:	22mm dia, 150N 15mm dia, 150N 7mm dia, 80N
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Gland Nut Torques:	
PX0 range	
13-15mm (Yellow - std.)	3.16Nm (28 lbf.in.)
11-13mm (black)	3.16Nm (28 lbf.in.)
7-9mm (dark grey)	3.16Nm (28 lbf.in.)
PXA range	
20-22mm (Yellow - std.)	3.16Nm (28 lbf.in.)
18-20mm (black)	3.16Nm (28 lbf.in.)
16-18mm (white)	3.16Nm (28 lbf.in.)
14-16mm (dark grey)	3.16Nm (28 lbf.in.)

Tightening Torques:	
Panel mount nut	2.25Nm (20 lbf.in.)
Flange & Bulkhead fixing screws	0.9Nm (8 lbf.in.)
Inserts into Bodies	1.13Nm (10 lbf.in.) to 1.36Nm (12 lbf.in.)
Term screws - 2 to 5 poles	1.0Nm (9 lbf.in.) max
Term screws - 7 pole	0.4Nm (3.5 lbf.in.) max
Term screws - 10 pole	0.25Nm (2.2 lbf.in.) max

Rear thread PX0931 series M36 x 2-6g

PX X9	X	X	/	XX	/	X	/	XX
<p>Series Designation</p> <p>09 = Standard Cable Accommodation (7-13mm)</p> <p>A9 = Large Cable Accommodation (14-22mm)</p>	<p>Body Styles</p> <p>1 = Flex 2 = Flex In-line 3 = Panel 4 = Flange Panel</p>	<p>Contact Termination</p> <p>1 = Screw Terminal</p>	<p>Number Contacts</p> <p>02 = 2 pole 03 = 3 pole 04 = 4 pole 05 = 5 pole 07 = 7 pole 10 = 10 pole</p>	<p>Contact Type</p> <p>P = Plug, S = Socket</p>	<p>Cable Acceptance</p> <p>EXP-0 version: Blank = 13-15mm Yellow cable gland (std)</p> <p>3 = 11-13mm Black cable gland</p> <p>2 = 9-11mm White cable gland</p> <p>1 = 7-9mm Dark Grey cable gland</p> <p>EXP-A version: Blank = 20-22mm Yellow cable gland (std)</p> <p>9 = 18-20mm Black cable gland</p> <p>8 = 16-18mm White cable gland</p> <p>7 = 14-16mm Dark Grey cable gland</p>			
<p>Example: PX0911/07/P/03 = Flex cable connector with standard cable accommodation body, seven pin contacts, with gland to suit 11-13mm cable.</p>								