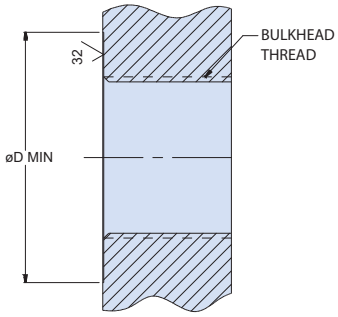
SERIES 701 SeaKing™ Junior

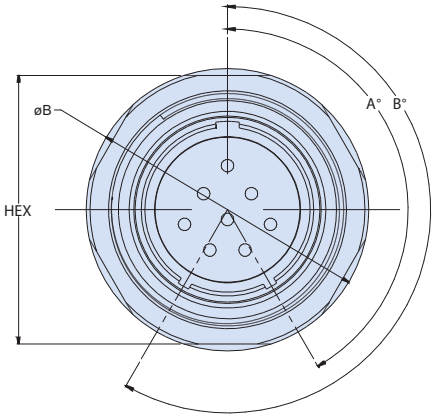
Dry-Mate Subsea Connectors

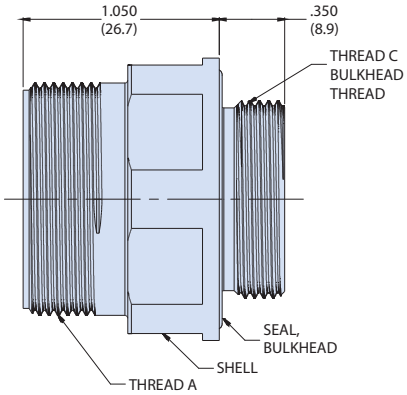
701-017 Bulkhead Connector Receptacle, high density with crimp removable contacts

HOW TO ORDER					
Sample Part Number	**701-017**	**-17-08**	**-Z1**	**P**	**N**
Product Series	**701-017** = SeaKing Junior				
Shell Size-Contact Arrangement	See Contact Arrangements table				
Barrel Material	**Z1** = 316 Stainless Steel* **TC** = Titanium **XO** = PEEK**				
Contact Style	**A** = Pin Insert (No Contacts Included) **B** = Socket Insert (No Contacts Included) **P** = Pin **S** = Socket				
Key Position	**A**, **B**, **C**, **D**, **E** (See table)				

* 316 Stainless steel for sizes 09 through 15 2507 Super duplex for sizes 11 through 25
** Consult factory for pressure rating







DIMENSIONS										
Shell Size	Thread A	B MAX		Hex		Thread C	D Min		Bulkhead Seal	Bore Seal
		inch	mm	inch	mm		inch	mm		
09	0.7500-20 UNEF-2A	1.025	26.0	15/16	23.8	0.5625-20 UN-2A	1.030	26.2	2-018	2-014
11	0.8750-20 UNEF-2A	1.150	29.2	1 1/16	27.0	0.6875-20 UN-2A	1.160	29.5	2-020	2-016
13	1.0000-20 UNEF-2A	1.275	32.4	1 3/16	30.2	0.8125-20 UNEF-2A	1.310	33.3	2-022	2-018
15	1.1250-20 UN-2A	1.410	35.8	1 5/16	33.3	0.9375-20 UNEF-2A	1.430	36.3	2-024	2-020
17	1.2500-20 UN-2A	1.525	38.7	1 7/16	36.5	1.0625-20 UN-2A	1.560	39.6	2-026	2-022
19	1.3750-20 UN-2A	1.650	41.9	1 9/16	39.7	1.1875-20 UN-2A	1.680	42.7	2-028	2-024
21	1.5000-20 UN-2A	1.775	45.1	1 11/16	42.9	1.3125-20 UN-2A	1.810	46.0	2-029	2-026
23	1.6250-20 UN-2A	1.900	48.3	1 13/16	46.0	1.4375-20 UN-2A	1.950	49.5	2-030	2-028
25	1.7500-20 UN-2A	2.025	51.4	1 15/16	49.2	1.5625-20 UN-2A	2.070	52.6	2-031	2-029

NOTES

Pressure rating: Mated condition - 5,000 PSI
Materials tested to:
- Salt spray, per MIL-STD-202 method 101
- Humidity, per MIL-STD-202 method 101
- Thermal cycle, per EIA-455-71

Single O-ring sealing.

MATERIAL/FINISH

Receptacle shell: See part number development
Contacts: Copper alloy, gold plated
Insulator: High grade rigid dielectric
Interfacial seal (pin inserts only) & grommet: Fluorosilicone
Seals: Nitrile

ALTERNATE KEY POSITIONS		
Position	A°	B°
N	150°	210°
A	75°	210°
B	95°	230°
C	140°	275°
D	75°	275°
E	95°	210°