



# SERIES 701 SeaKing™ Junior Dry-Mate Subsea Connectors

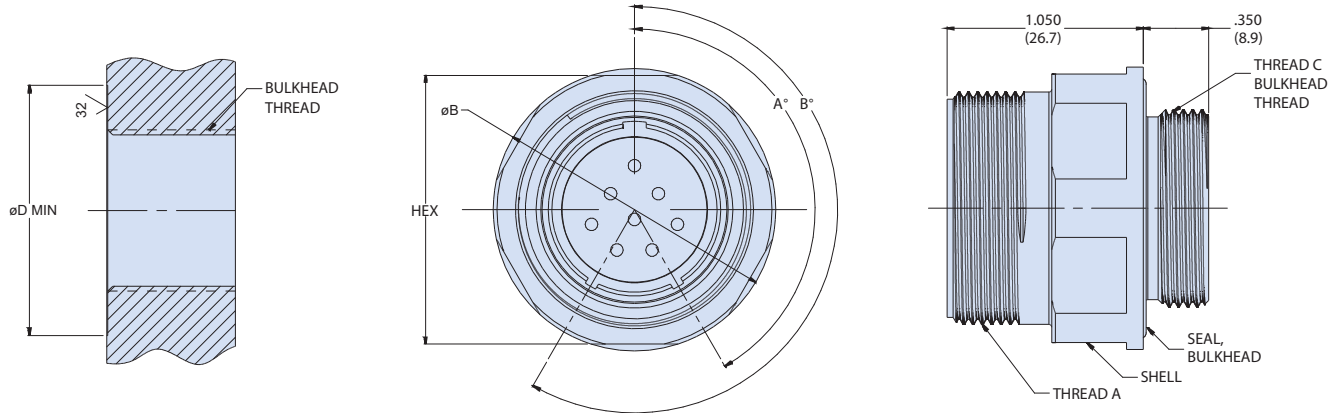


## 701-017 Bulkhead Connector Receptacle, high density with crimp removable contacts



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°