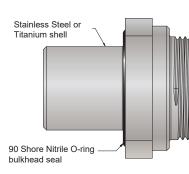


SERIES 701 SeaKing[™] Junior High-Density Dry-Mate Connectors



5000 PSI piston-sealed connectors and cables

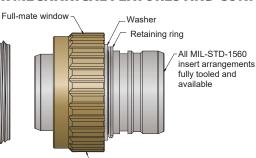
SERIES 701 SEAKING" JUNIOR MECHANICAL FEATURES AND CONFIGURATIONS



Flange Connector Receptacle



Series 701-011 Cable Connector Plug (CCP) supplied as overmolded cables only



Stainless steel or Titanium shell, Marine Bronze coupling nut on CCP

Cable Connector Plug



Series 701-016 Flange Connector Receptacle (FCR) supplied as discrete connectors or in pigtail assemblies

Stainless Steel or Titanium shells, Marine Bronze coupling nuts

Available in nine sizes from 2 to 128 contacts, Series 701 connectors feature stainless steel or marine bronze shells. Nitrile O-rings resist high temperature and corrosive chemicals.

5,000 PSI

These connectors withstand up to 5,000 PSI hydrostatic pressure in a mated condition.



Series 701-017 Bulkhead Connector Receptacle (BCR) supplied as discrete connectors or in pigtail assemblies

SEAKING[™] JUNIOR CONTACT SPECIFICATIONS, MATERIALS AND FINISHES, AND CRIMP TOOLS

Service Ratings					
Service	Sea Level DWV (VAC)	Operational			
Rating		VAC	VDC		
М	1300	433.3	612.8		
N	1000	333.3	471.4		
I	1800	600.0	484.5		
II	2300	766.7	1084.2		

Contact Crimp Tools

Crimp Tool

809-136

809-136

809-136

809-015

Contact Size

#12 #16

#20

#22D

Current Rating				
Contact Size	Amps	Wire Size		
#8	46.0	8 AWG		
#10	33.0	10 AWG		
#12	23.0	12-14 AWG		
#16	13.0	16-20 AWG		
#20	7.5	20-24 AWG		
#22D	5.0	22-28 AWG		

Performance Specifications		
Insulation Resistance	5000 megohms at 500 VDC	
Operating Temperature	-65° C to +175° C	
Hydrostatic Pressure	5,000 PSI mated condition, tested per ISO 13628-6	
Durability	300 mating cycles	

Series 701 Polarization							
Plug	Receptacle		Key Rotation				
		Key Position	A°	B°			
		Normal (N)	150°	210°			
		А	75°	210°			
		В	95°	230°			
		С	140°	275°			

Positioner

809-137

809-137

809-137

K42 Pin

K40 Skt

Material and Finish		
Shells, Jam Nuts	Stainless steel or Titanium	
CCP Coupling Nuts	Marine bronze, unplated	
Contacts	Copper alloy, gold plated.	
Insulators	Composite thermoplastic	
Retaining ring and hardware	Stainless steel	
Interfacial Seal (pin inserts only) and Grommet	Fluorosilicone	
O-rings and Seals	Nitrile, 90 shore Viton [®] , 90 shore Viton [®] O-rings offer wider temperature range	

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