



- 50 Ohm Nominal Impedance.
- Positive-lock coupling mechanism.
- Designed to replace BNC connectors in high-density applications.
- Small & lightweight.
- Interchangeable with equivalent Lemo® type connectors.

## SPECIFICATIONS

### MATERIAL

Body:	Brass or Beryllium Copper
Crimp Sleeves:	Commercial Bronze Alloy
Center Contacts:	Brass or Beryllium Copper (Male) Beryllium Copper (Female)
Outer Contacts:	Beryllium Copper (Male)
Insulators:	Teflon®

### FINISHES

Body:	Nickel
Center Contacts:	Gold

### ELECTRICAL

Impedance:	50 Ohms
Voltage Rating:	500 Volts RMS
Insulation Resistance:	5000 Megohms
Contact Resistance:	6 Milliohms

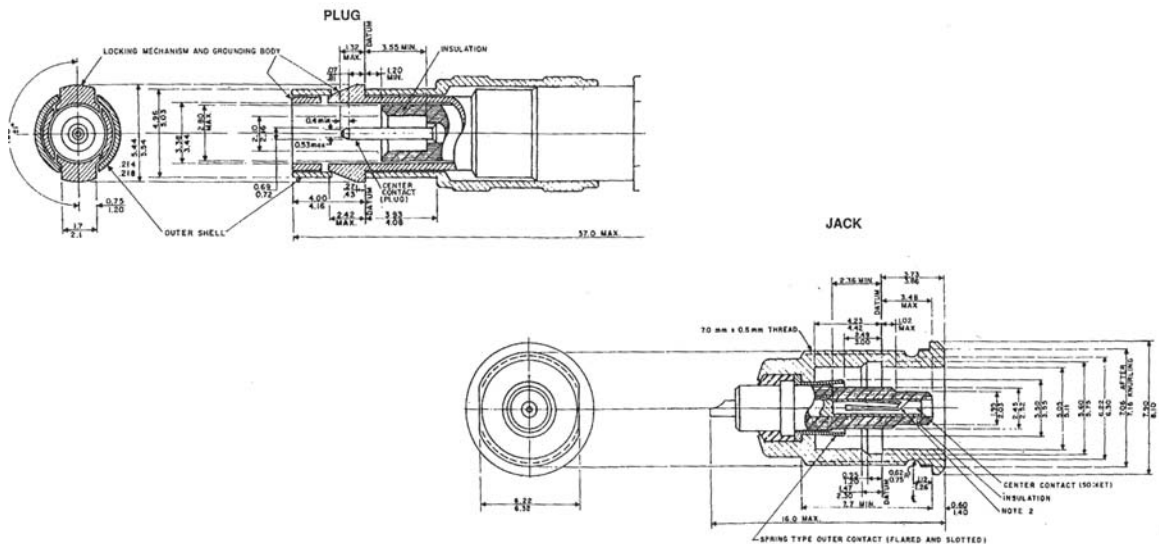
### MECHANICAL

Life:	500 Cycles
Cable Retention:	10 to 40 Pounds (Depending on Cable)

### ENVIRONMENTAL

Temperature Range:	-65° C to +165° C
Corrosion:	MIL-STD-202, Method 101, Condition B

## INTERFACE DIMENSIONS



**STRAIGHT PLUGS - K-GRIP, JR.**

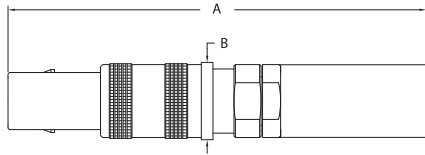


FIGURE 1

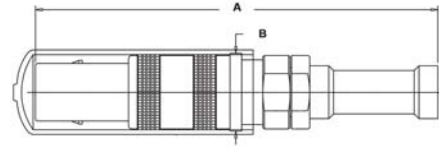


FIGURE 2

**RECEPTACLES**

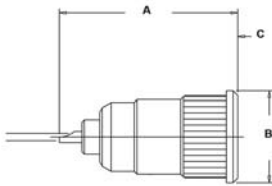


FIGURE 3

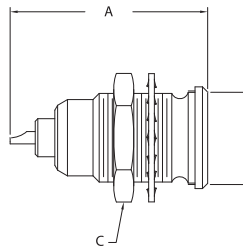


FIGURE 4

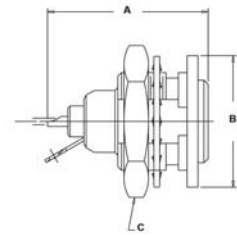


FIGURE 5

**ADAPTER - WITHIN SERIES**

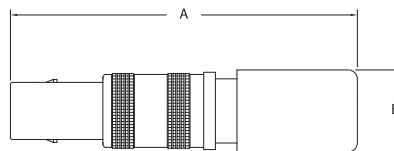


FIGURE 6

Item Number	Military PN	Product Description	Gender	Finish	Dimensions				Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
					A	B	C	D					
1075-2		Plug, Crimp	M	Nickel	1.440	0.270			D	CP-458	KTH-2027		1
1075-1		Plug, Weatherproof Crimp	M	Nickel	1.370	0.270			B	CP-459	KTH-2082		2
1075-13-9		Plug, Weatherproof Crimp	M	Nickel	1.430	0.270			16	3-644-1	KTH-2232		2
1074-5		Receptacle	F	Nickel	0.610	0.310	0.040			SOLDER		K	3
1074-1 QD		Receptacle, Bulkhd, Front Mt	F	Nickel	0.610	0.310	0.340			SOLDER		L	4
1074-4		Receptacle, Bulkhd, Iso Ground	F	Nickel	0.610	0.500	0.500			SOLDER		M	5
1725-1		Termination, 50 Ohm, 1%	M	Nickel	1.190	0.280							6
1079-7		Within Series Adapter, Bulkhd	F-F	Nickel	0.820	0.400	0.340	0.040				L	N/S