10 KV SERIES



- · Non-constant impedance.
- · Ideally suited for pulse applications.
- · Durable Brass bodies with Nickel plating.
- Feature polyethylene high density insulators.
- Operating voltage rating of 10 KV DC.

SPECIFICATIONS

MATERIAL

Body: Brass

Crimp Sleeves: Commercial Bronze Alloy

Male Center Contacts: Brass

Female Center Contacts: Beryllium Copper
Outer Contacts: Beryllium Copper
Insulators: Polyethylene
Gaskets & Seals: Silicone Rubber

FINISHES

Body: Nickel Center Contacts: Gold

MECHANICAL

Mating: 2 Stud Bayonet Coupling

ELECTRICAL

Impedance: Non-Constant

Voltage Rating: Operating: 10 KV DC

Test: 15 KV DC

Insulation Resistance: 10⁶ Megaohms

ENVIRONMENTAL

Temperature Range:

Polyethylene Insulators -55° C to +85° C
PTFE Insulators -65° C to +165° C
Vibration: MIL-STD-202,

Method 204, Condition A

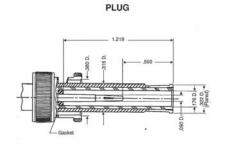
Shock: MIL-STD-202,

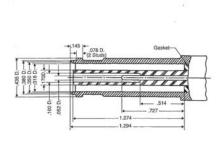
Method 213, Condition I

Corrosion: MIL-STD-202,

Method 101, Condition B

INTERFACE DIMENSIONS





JACK

10 KV SERIES



PLUG - K-GRIP, JR.

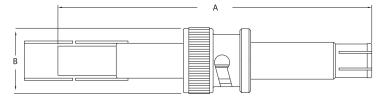


FIGURE 1

BULKHEAD RECEPTACLE

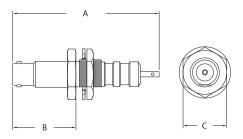


FIGURE 2

ADAPTER - WITHIN SERIES

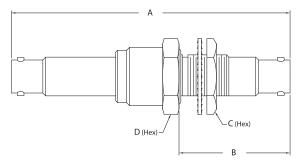


FIGURE 3

Item Number	Military PN	Product Description	Gender	Finish	А	Dim B	ensions C	D	Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
1065-1 QD		Plug, Crimp	М	Nickel	2.710	0.560			D	3-7-1	KTH-2001		1
1065-2		Plug, Crimp	М	Nickel	2.710	0.560			40	CP-419	KTH-2001		1
1064-1 QD		Receptacle, Bulkhd, Front Mt	F	Nickel	2.500	1.080	0.750	0.750		SOLDER		Х	2
1069-1		Within Series Adapter, Bulkhd	F-F	Nickel	3.180	1.270	0.750	0.750				Х	3