



- 50 Ohm Nominal Impedance.
- Push/Pull connection system does not require special tooling for mating/unmating.
- When mated, connectors can rotate 360 degrees.
- Mate with standard SMA jacks with thread lengths of .200" +/- .005".
- Designs available for flexible and semi-rigid cables.
- Frequency Range: Up to 6 GHz

SPECIFICATIONS

MATERIAL

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

FINISHES

Body:	Gold or Nickel
Center Contacts:	Gold

ELECTRICAL

Impedance:	50 Ohms
Frequency Range:	DC to 6 GHz
VSWR:	1.25 Max
Return Loss:	-19.1 dB Minimum
Insulation Resistance:	5,000 Megohms Minimum

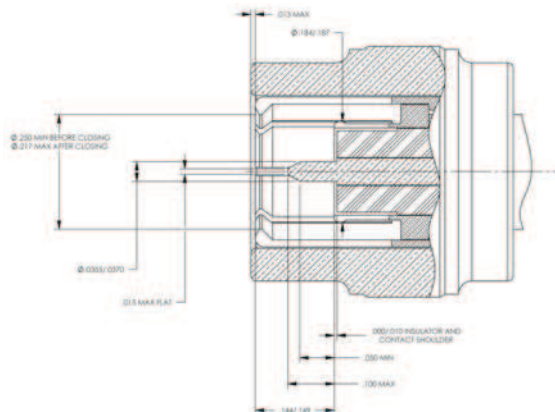
MECHANICAL

Life:	500 Cycles
Mating Force:	10 Pounds Maximum
Unmating Force:	10 Pounds Maximum
Connector Retention:	30 Pounds Minimum

ENVIRONMENTAL

Temperature Range:	-65° C to +165° C
Vibration:	MIL-STD-202, Method 204, Condition B
Shock:	MIL-STD-202, Method 213, Condition A
Thermal Shock:	MIL-STD-202, Method 107, Condition B
Corrosion:	MIL-STD-202, Method 101, Condition B
Moisture Resistance:	MIL-STD-202, Method 106

INTERFACE DIMENSIONS



CABLE PLUGS, SOLDER TYPE - SEMI-RIGID CABLE

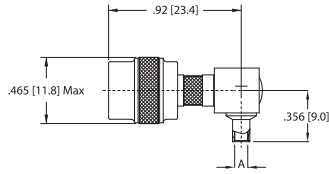


FIGURE 1

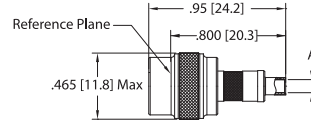


FIGURE 2

CABLE PLUGS, CRIMP TYPE - FLEXIBLE CABLE

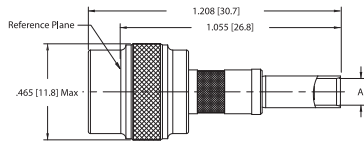


FIGURE 3

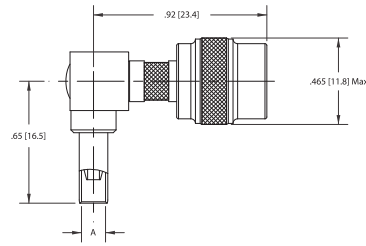


FIGURE 4

Item Number	Military PN	Product Description	Gender	Finish	A	Dimensions				Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
						B	C	D						
152-500-1410N		Plug, Solder	M	Gold	0.145					49				1
152-500-0850N		Plug, Solder	M	Gold	0.090					50				1
150-500-0850N		Plug, Solder	M	Gold	0.090					50				2
150-500-1410N		Plug, Solder	M	Gold	0.145					49				2
150-900-0631N		Plug, Crimp	M	Nickel	0.142					3		KTH-2015		3
150-900-0630N		Plug, Crimp	M	Nickel	0.128					B		KTH-2011		3
152-900-0631N		Plug, Crimp	M	Nickel	0.142					3		KTH-2015		4
152-900-0630N		Plug, Crimp	M	Nickel	0.128					B		KTH-2011		4