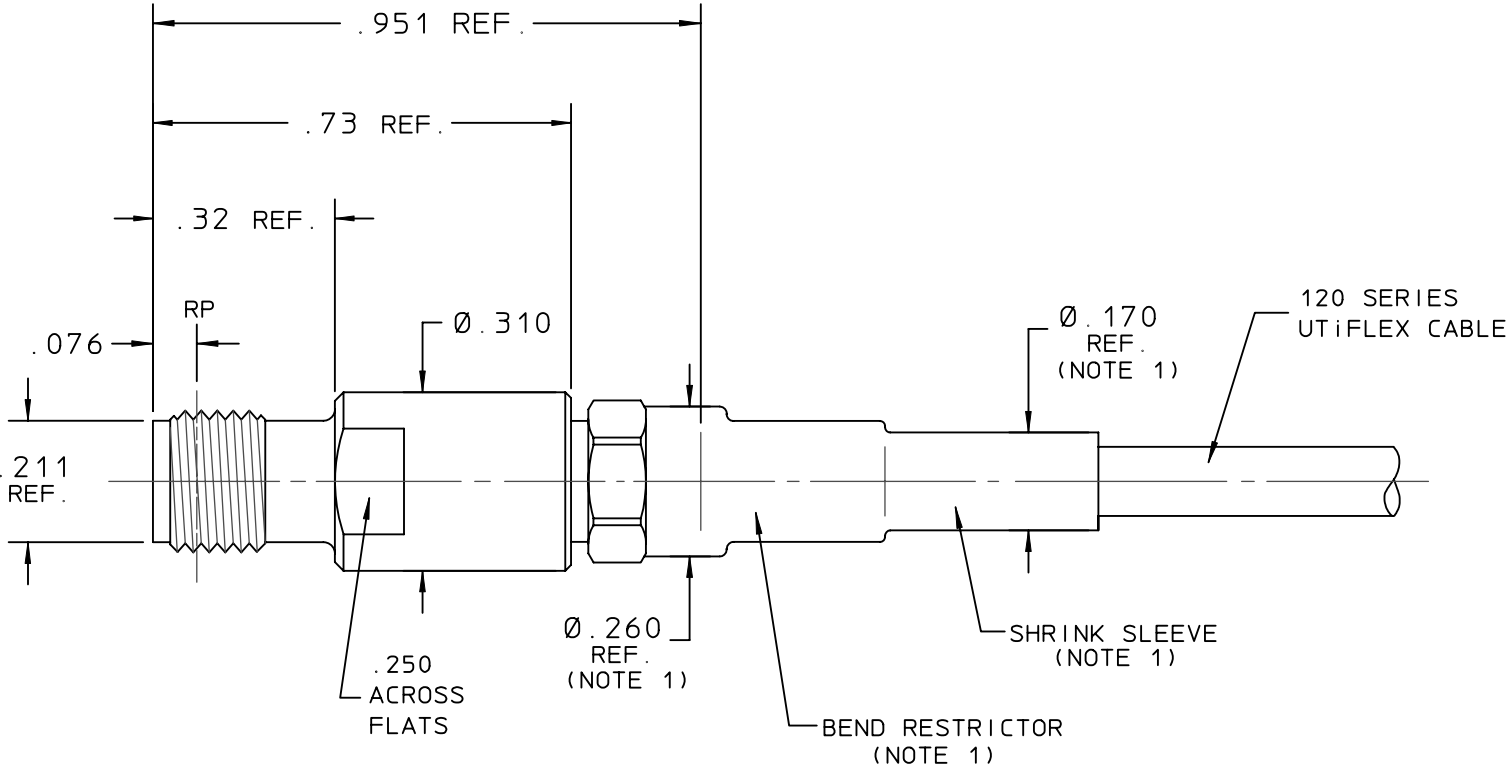


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348
RECOMMENDED MATING TORQUE	9.0 IN-LBS. NOM.
DURABILITY	5000 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
CENTER CONTACT INSERTION FORCE (INTERFACE)	2 LBS. MAX.
CENTER CONTACT WITHDRAWL FORCE (INTERFACE)	1 oz. MIN.
CABLE RETENTION	10 LBS. MIN.
MASS	TBS GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms. NOM.
MAXIMUM FREQUENCY	24 GHz MAX.
VSWR DC - 18 GHz	1.16:1 MAX.
18 - 24 GHz	1.20:1 MAX.
INSERTION LOSS	0.03 √F(GHz) dB MIN.
DIELECTRIC WITHSTANDING VOLTAGE	1100 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 24.0 GHz.	-90 dB MIN.
CORONA	275 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	550 Vrms. MIN.
CONTACT RESISTANCE (INNER)	3 Milliohms MAX.
CONTACT RESISTANCE (OUTER)	2 Milliohms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-65°C to +150°C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIAL AND FINISH	
BODY, CLAMP NUT	STEEL, CORROSION RESISTANT, CONDITION A, NON-MAGNETIC PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
CONTACT	BERYLLIUM COPPER, UNS NO. C17300, PER ASTM-B-196. GOLD PLATE PER MIL-G-45204, 50 MICROINCHES MIN., OVER NICKEL PLATE PER QQ-N-290, 50 MICROINCHES MIN.
DIEL. STOP, INSULATOR	TFE FLUOROCARBON, PER ASTM-D-1710
CONTACT RING	BRASS, UNS NO. C36000 TEMPER 060, PER ASTM-B-16.6. GOLD PLATE PER MIL-G-45204, 50 MICROINCHES MIN., OVER NICKEL PLATE PER QQ-N-290, 50 MICROINCHES MIN.
APPLICATION	
CABLE(S)	120 SERIES CABLE
INSTALLATION	PER CONFIGURATOR

NOTE(S):

1. BEND RESTRICTOR/SHRINK SLEEVE CONFIGURATION IS OPTIONAL.



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	DWN.	SRS	01/19/05							
	CHKD.									
	APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED	TITLE									
SMA JACK, 120 SERIES CABLE										
.XX	± .02	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.		FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV	
.XXX	± .005			64639	B	4:1	1 OF 1	SD903040	2	
.XXXX	± .0010									
ANGLES	± 2°									