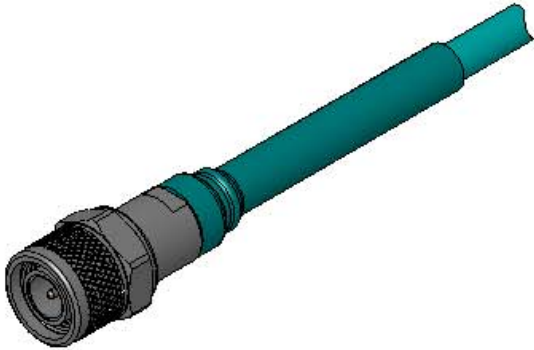
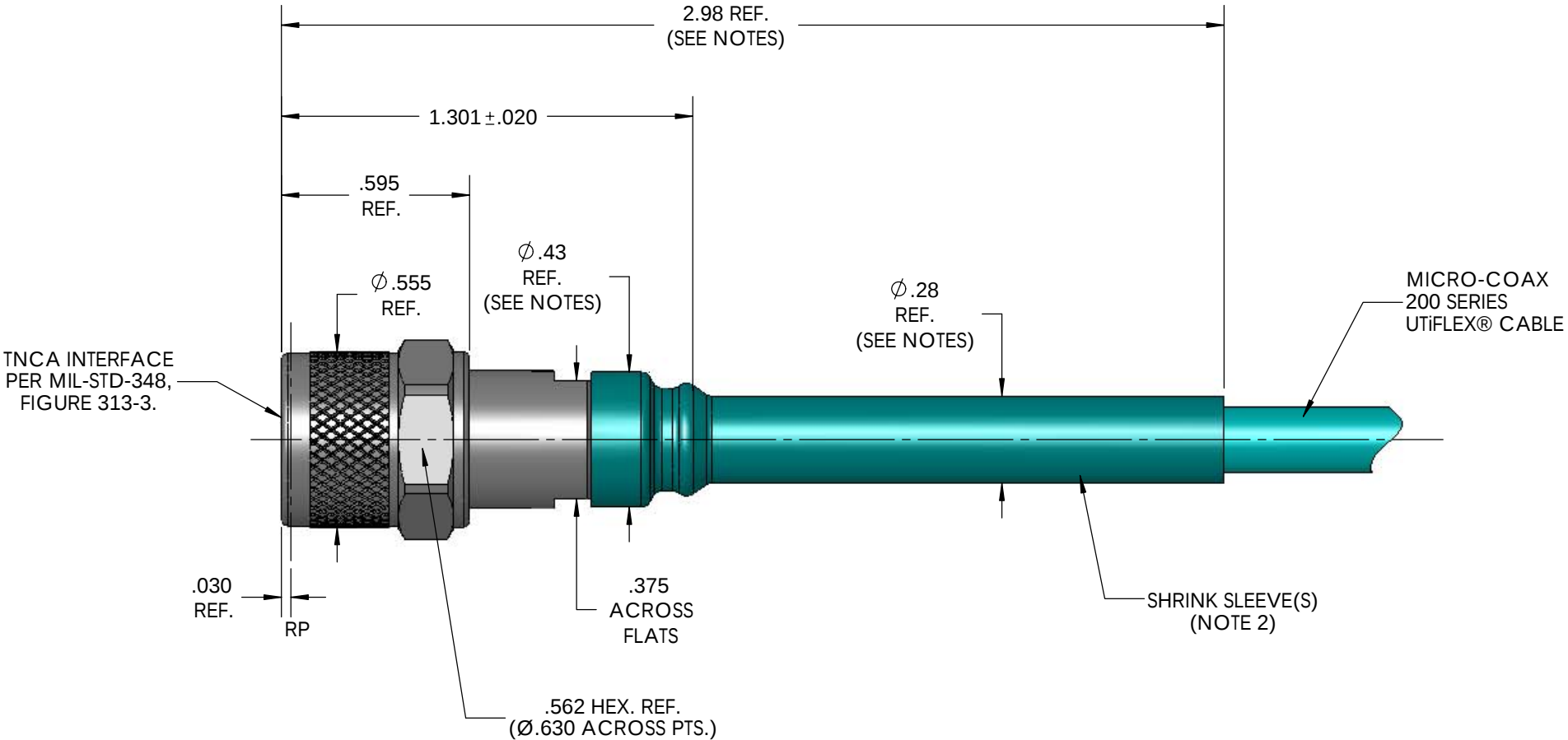


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 313-3.
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
COUPLING PROOF TORQUE	15 IN-LBS. MIN.
COUPLING NUT RETENTION	60 LBS MIN.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO DISENGAGE	2 IN-LBS. MIN.
DURABILITY	500 CYCLES MIN.
CABLE RETENTION	20 LBS. MIN.
MASS	16.42 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms. NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 12.4 GHz	1.15:1 MAX.
12.4 GHz - 18 GHz	1.20:1 MAX.
INSERTION LOSS	0.04 $\sqrt{F}$ (GHz) db MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1500 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - TBD GHz	-90 dB
CORONA	375 Vrms. MIN. @ 70,000 FEET
RF HIGH POTENTIAL	950 Vrms. MIN.
CONTACT RESISTANCE (INNER)	4.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 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, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIAL AND FINISH	
CONTACT	BERYLLIUM COPPER, UNS NO. C17300, PER ASTM-B-196 GOLD PLATE PER MIL-G-45204, 50 MICROINCH MIN., OVER NICKEL PLATE PER QQ-N-290, 50 MICROINCHES THK. MIN.
INSULATOR, DIELECTRIC STOP	(ULTEM 1000) PER ASTM-D-5205.
BODY, COUPLING NUT, CLAMP NUT	STEEL, CORROSION RESISTANT, CONDITION A, NON-MAGNETIC PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967.
SNAP RING	BERYLLIUM COPPER, UNS NO. C17200, PER ASTM-B-197.
CONTACT RING	BRASS, UNS NO. C36000, TEMPER H02, PER ASTM-B-16. GOLD PLATE PER MIL-G-45204, TYPE II, GRADEC, CLASS 1, 50 MICROINCHES THK. OVER NICKEL PLATE PER QQ-N-290, CLASS 1, 50 MICROINCHES THK. MIN.
APPLICATION	
CABLE(S)	200 SERIES
INSTALLATION	PER CONFIGURATOR



ISOMETRIC VIEW
SCALE 1:1



NOTE:

1. HEAT SHRINK CONFIGURATION OPTIONAL.
2. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

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		DWN.	SRS	04/12/05							
		CHKD.									
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		TNCA PLUG, 200 SERIES CABLE, VENTED									
.XX	± .02	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.		FSCM NO. 64639	SIZE B	SCALE 2:1	SHEET NO. 1 OF 1	DRAWING NO. SD904320	REV A		
.XXX	± .005										
.XXXX	± .0010										
ANGLES	± 2°										