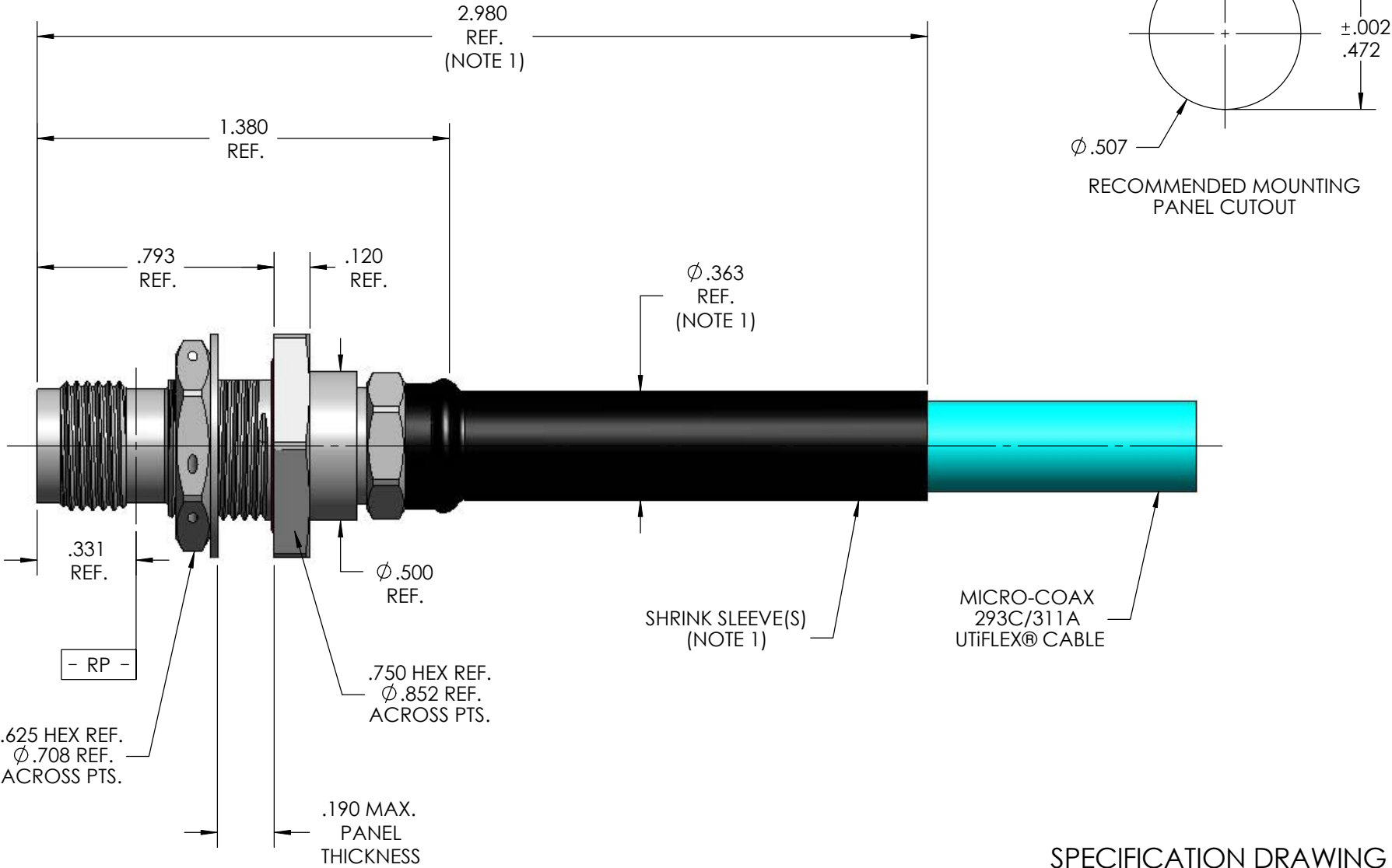


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 313-4
SLANT SHEET	N/A
RECOMMENDED MATING TORQUE	15 IN-LBS NOM.
FORCE TO ENGAGE	2 LBS. MAX.
FORCE TO DISENGAGE	2 LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION	6 LBS. MIN. (BOTH DIRECTIONS)
CABLE RETENTION	20 LBS. MIN.
MASS	21.98 GRAMS NOM.
RECOMMENDED JAM NUT TORQUE	35 - 40 IN-LBS
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 2 GHz	1.09:1 MAX.
VSWR 2 GHz - 4 GHz	1.12:1 MAX.
VSWR 4 GHz - 16 GHz	1.16:1 MAX.
VSWR 16 GHz - 18 GHz	1.20:1 MAX.
INSERTION LOSS	0.04 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1375 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-80 dB
CORONA	350 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	925 Vrms MIN.
CONTACT RESISTANCE (INNER)	4.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-62°C TO 165°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%
MATERIALS AND FINISH	
BODY, CLAMP NUT, WASHER, LOCKNUT	STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
CONTACT	BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC BEAD, DIELECTRIC STOP	POLYETHERIMIDE THERMOPLASTIC, UNREINFORCED, ASTM-D-5205
INSULATOR	TFE FLUOROCARBON, PER ASTM-D-1710
CONTACT RING	BRASS, PER ASTM-B-16, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER QQ-N-290
GASKET	SILICONE RUBBER PER ZZ-R-765
APPLICATION	
CABLE(S)	293C & 311A SERIES
INSTALLATION	PER CONFIGURATOR

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ISOMETRIC VIEW
SCALE 2:1



NOTE:

1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

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		DWN.	MJM	11/17/10							
		CHKD.	CCF	4/19/12							
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		TNCA BULKHEAD JACK, 293C/311A									
.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	
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.XXXX	± .0010										
ANGLES	± 2°										