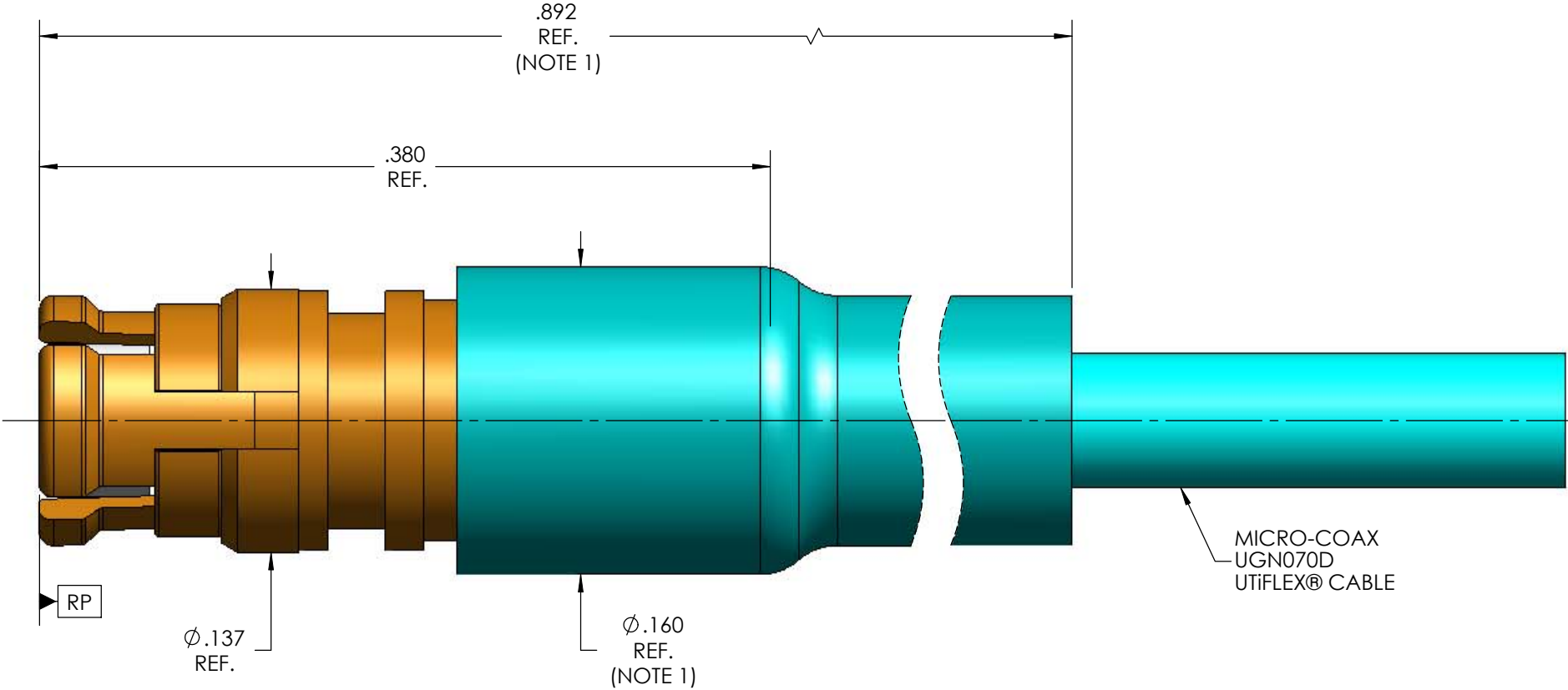
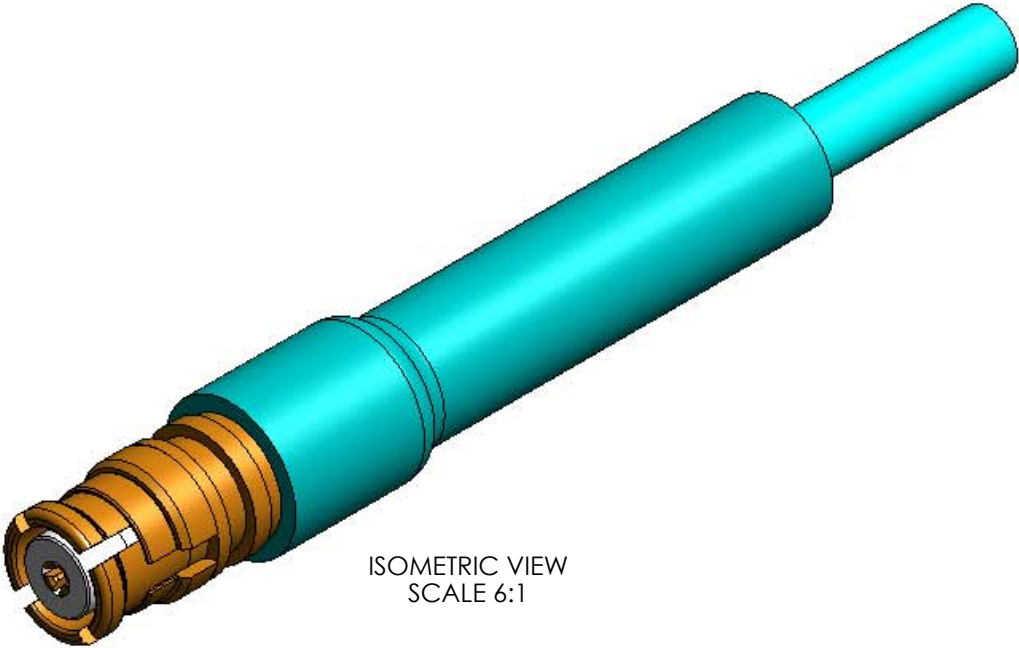


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 326-1
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	DSCC 94007 & 94008 REF.
FORCE TO ENGAGE (FULL, LIMITED, SMOOTH)	15.0, 10.0, 2.0 LBS. MAX.
FORCE TO DISENGAGE (FULL, LIMITED, SMOOTH)	5.0, 2.0, 0.5 LBS. MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	3.0 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	3.0 LBS. MIN.
CABLE RETENTION	10 LBS MIN.
DURABILITY (FULL, LIMITED, SMOOTH)	100, 500, 1000 CYCLES MIN.
MASS	0.29 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	40.0 GHz
VSWR DC - 18 GHz	1.15:1 MAX.
18 - 26.5 GHz	1.2:1 MAX.
26.5 - 40 GHz	1.7:1 MAX.
INSERTION LOSS	0.06 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	500 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3 GHz	-80 dB MIN.
3 -18 GHz	-65 dB MIN.
CORONA	130 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL (5 MHz)	325 Vrms MIN.
CONTACT RESISTANCE (INNER)	6.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-65 °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	N/A
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
BODIES, CONTACT, ANTI-ROCK RING, EMI SHIELD RING	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
INSULATORS	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
APPLICATION	
CABLE(S)	UGN070D
INSTALLATION	PER CONFIGURATOR

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REV	DESCRIPTION	DATE	BY	APPVD	CHKD
A	ECO 105986	10/26/10	MJM	RS	CCF



NOTE:

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

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	DWN.	PLM	3/24/03								
	CHKD.	CCF	10/26/10								
	APPVD.										
TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE								
.XX ± .02			SMP SOCKET, UGN070D								
.XXX ± .005			ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.		FSCM NO. 64639	SIZE B	SCALE 12:1	SHEET NO. 1 OF 1	DRAWING NO. SD903853	REV A	
.XXXX ± .0010											
ANGLES ±2°											