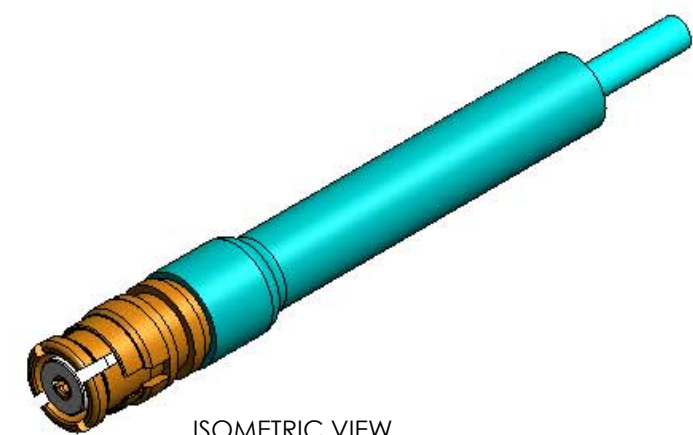
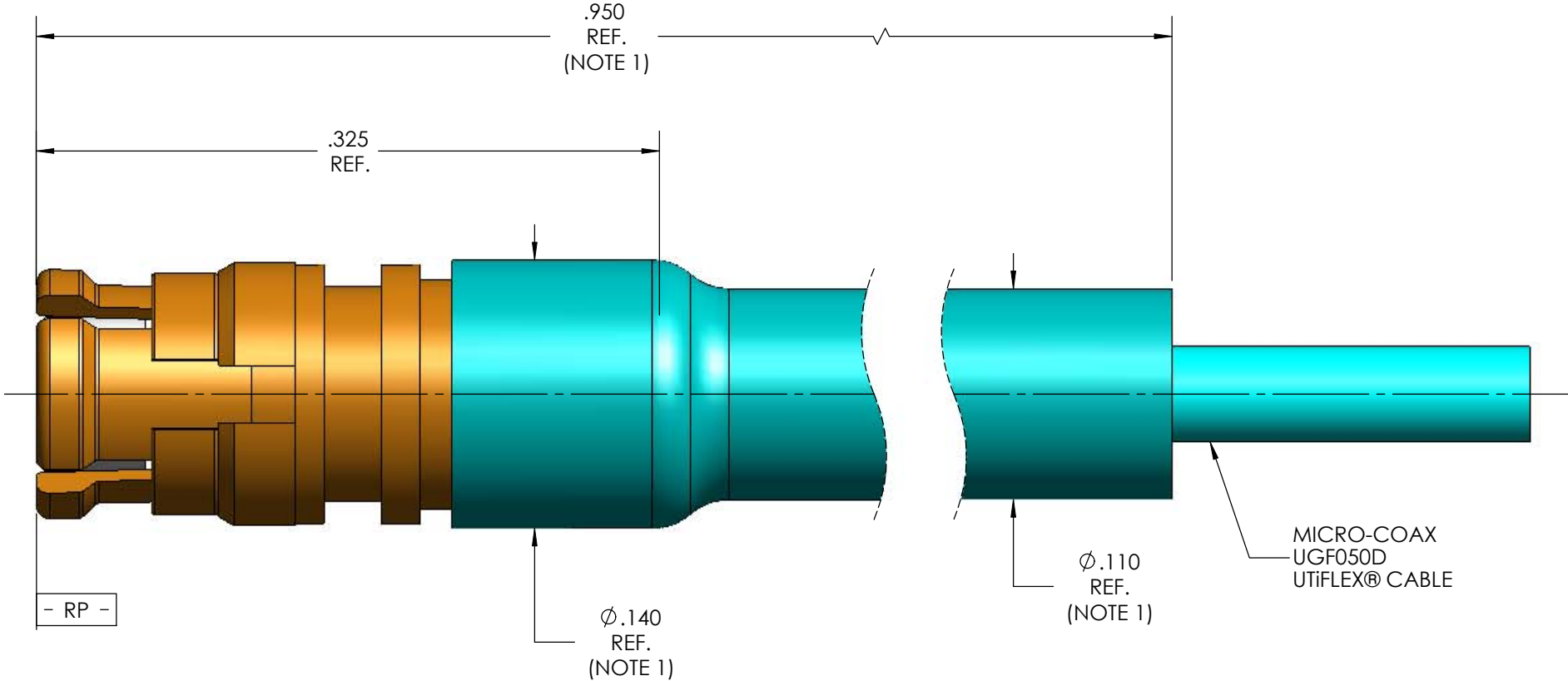


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 326-1A
SLANT SHEET	DSCC 94007 & 97008 REF.
FORCE TO ENGAGE (FULL, LIMITED, SMOOTH)	15.0, 10.0, 2.0 LBS. MAX.
FORCE TO DISENGAGE (FULL, LIMITED, SMOOTH)	5.0, 2.0, 0.5 LBS. MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	3.0 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	3.0 LBS. MIN.
CABLE RETENTION	5.0 LBS. MIN.
DURABILITY (FULL, LIMITED, SMOOTH)	100, 500, 1000 CYCLES MIN.
MASS	0.24 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	40.0 GHz
VSWR DC - 18.0 GHz	1.15:1 MAX.
18.0 - 26.5 Ghz	1.20:1 MAX.
26.5 - 40.0 GHz	1.70:1 MAX.
INSERTION LOSS	0.06 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	400 Vrms MIN. @ SEA LEVEL
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3.0 GHz	-80 dB MIN.
3.0 - 18.0 GHz	-65 dB MIN.
CORONA	110 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL (5 MHz)	275 Vrms MIN. @ SEA LEVEL
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	MIL-STD-202, METHOD 106 EXCEPT STEP 7B
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)	UGF050D
INSTALLATION	PER CONFIGURATOR

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ISOMETRIC VIEW
SCALE 4:1



NOTE:

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

REV	DESCRIPTION	DATE	BY	APPVD	CHKD
A	INITIAL RELEASE	4/19/2005	SRS	MJK	-
A1	ECO 55760	10/20/2005	JMK	RS	-
B	ECO 65319	8/1/2006	MJM	RS	-
C	ECO 106173	12/22/2010	MJM	RS	CCF

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	DWN.	MJK	1/22/03							
	CHKD.	CCF	12/23/10							
	APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE							
.XX ± .02			SMP SOCKET, UGF050D							
.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. SD903833	REV C
.XXXX ± .0010										
ANGLES ± 2°										