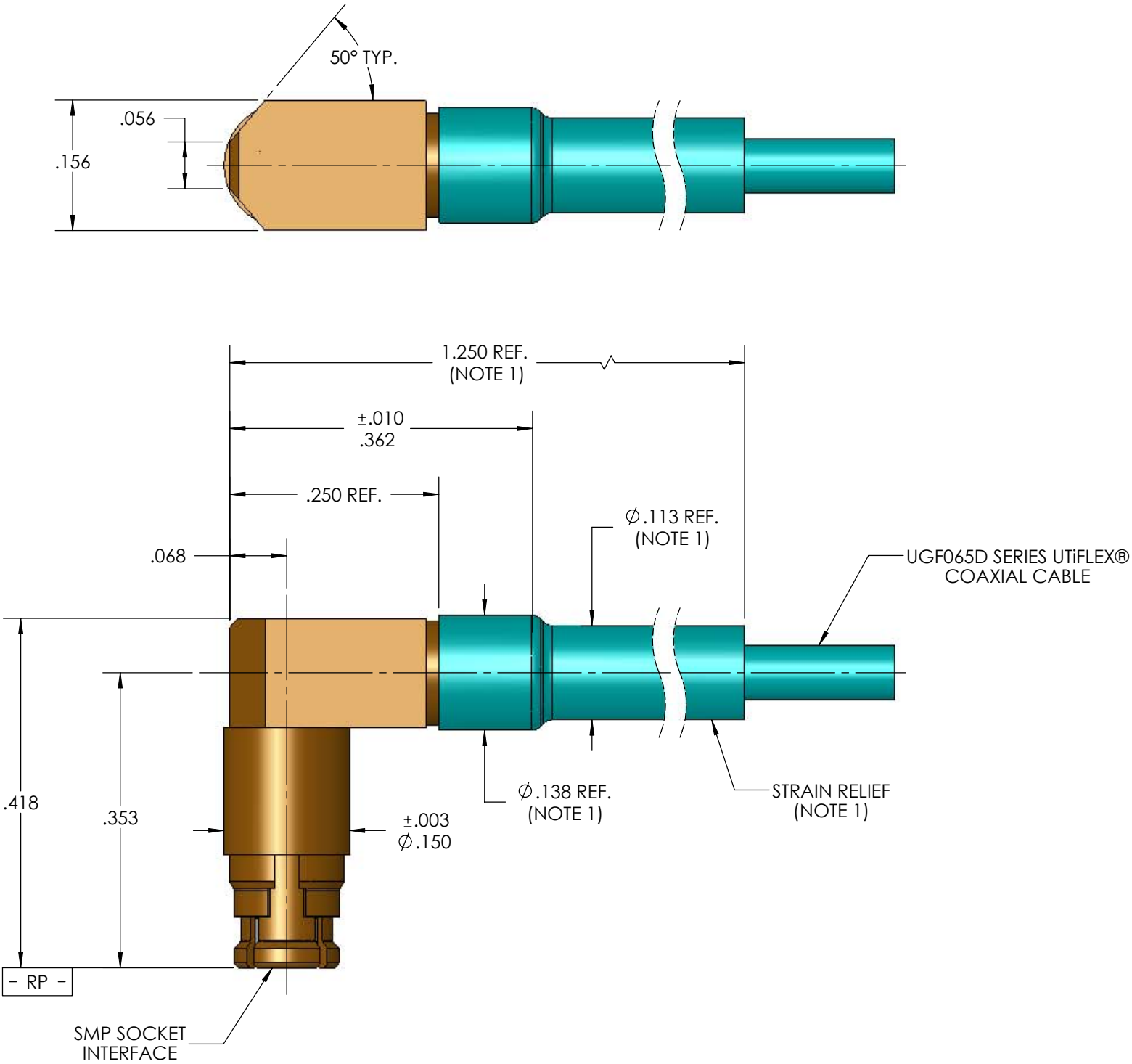


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 326-1a (FULL DETENT)
SLANT SHEET	DSCC 94007 & 94008 REF.
FORCE TO ENGAGE	15.0 LBS. MAX.
FORCE TO DISENGAGE	5.0 LBS. MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	3.0 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	3.0 LBS. MIN.
CABLE RETENTION	2 LBS. MIN.
DURABILITY	100 CYCLES MIN.
MASS	MASS= 0.94 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	26.5 GHz
VSWR DC - 20.0 GHz	1.20:1 MAX.
20.0 - 26.5 GHz	1.30:1 MAX.
INSERTION LOSS	0.08 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	625 Vrms MIN. @ SEA LEVEL
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3.0 GHz	-80 dB MIN.
3.0 - 26.5 GHz	-65 dB MIN.
CORONA	170 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL (5 MHz)	425 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	N/A
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
MAIN BODY, REAR BODY, CONTACT(S), EMI RING, ANTI-ROCK RING	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
INSULATOR(S), BEAD(S)	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
APPLICATION	
CABLE(S)	UGF065D
INSTALLATION	PER CONFIGURATOR

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REV	DESCRIPTION	DATE	BY	APPVD	CHKD
A	INITIAL RELEASE	05/19/05	SRS	MJK	-
A1	ECO 55760	10/20/05	JMK	RS	-
B	ECO 65307	8/15/06	JMK	RDS	-
C	ECO 85244	7/17/2008	PLM	MJR	JM



NOTE:

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

SPECIFICATION DRAWING

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		DWN.	PLM	07/17/08							
		CHKD.									
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE SMP SOCKET, MITER RIGHT ANGLE, CHAMFERED PROFILE, UGF065D									
.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	6:1	1 OF 1	SD903703	C
.XXXX	± .0010										
ANGLES	± 2°										