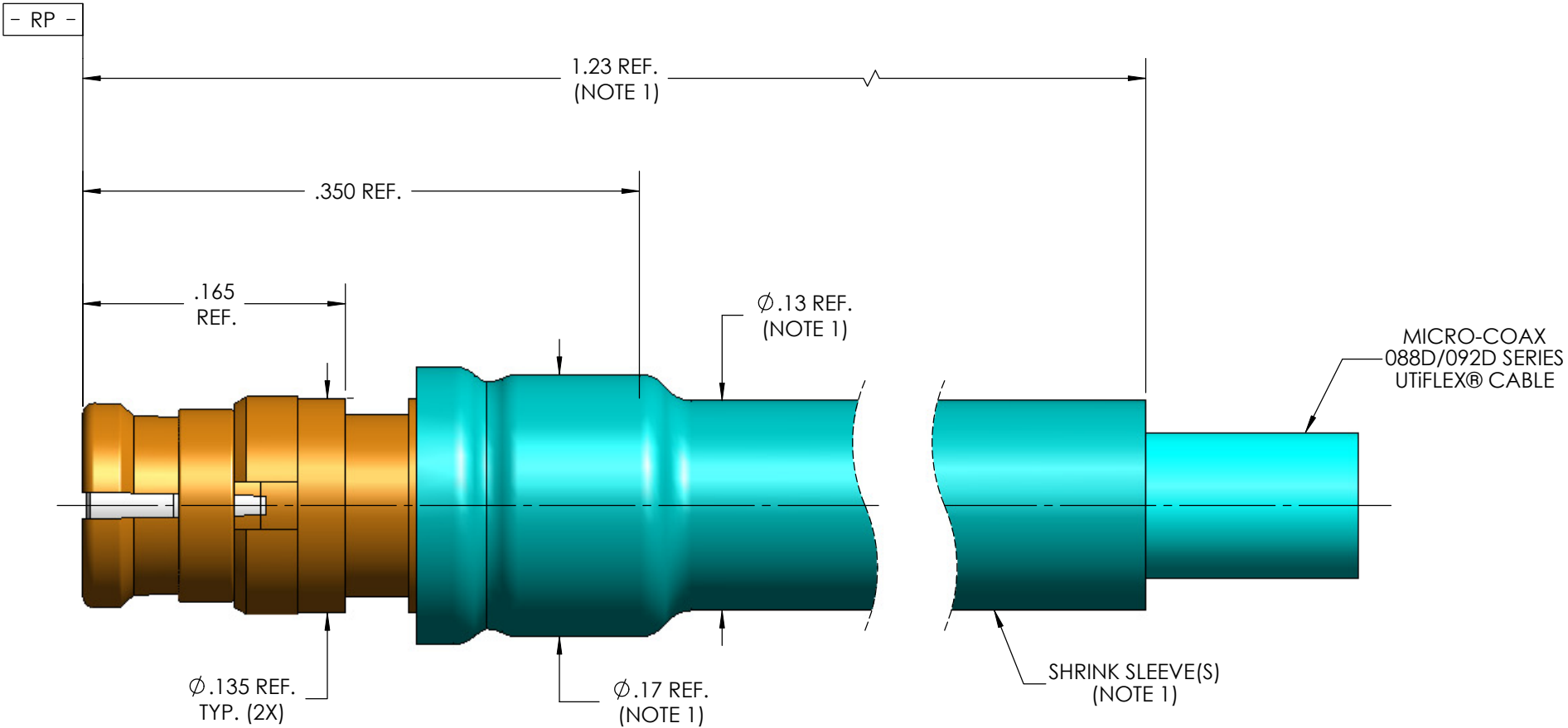


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 326-1
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	DSCC 94007 & 94008 REF.
FORCE TO ENGAGE (FULL, LIMITED, SMOOTH)	15.0, 10.0, 2.0 LBS. MAX.
FORCE TO DISENGAGE (FULL, LIMITED, SMOOTH)	5.0, 2.0, 0.5 LBS. MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	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	0.28 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	40.0 GHz
VSWR DC - 4.0 GHz	1.05:1 MAX.
4.0 - 8.0 GHz	1.10:1 MAX.
8.0 - 12.0 GHz	1.12:1 MAX.
12.0 - 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	675 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3 GHz	-80 dB MIN.
3 - 18 GHz	-65 dB MIN.
CORONA	180 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL (5 MHz)	450 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	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
INSULATOR(S)	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
APPLICATION	
CABLE(S)	088D/092D SERIES CABLE
INSTALLATION	PER CONFIGURATOR

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REV.	DESCRIPTION	DATE	BY	APPVD	CHKD
A	INITIAL RELEASE	03/30/2005	SRS	MJK	-
A1	ECO 55761	10/20/2005	JMK	RS	-
B	ECO 65319	08/01/2006	MJM	RS	-
C	ECO 85361	06/20/2008	MJM	RS	TMK
C1	ECO 125206	04/19/2012	PLM	RS	CCF
D	ECO 135524	11/5/2013	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.	SRS	5/4/04							
		CHKD.	CCF	11/6/13							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		SMP FEMALE (SOCKET), 088D/092D CABLE									
.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										
.XXXX	± .0010										
ANGLES	± 2°										
		64639	B	10:1	1 OF 1	SD904056	D				