

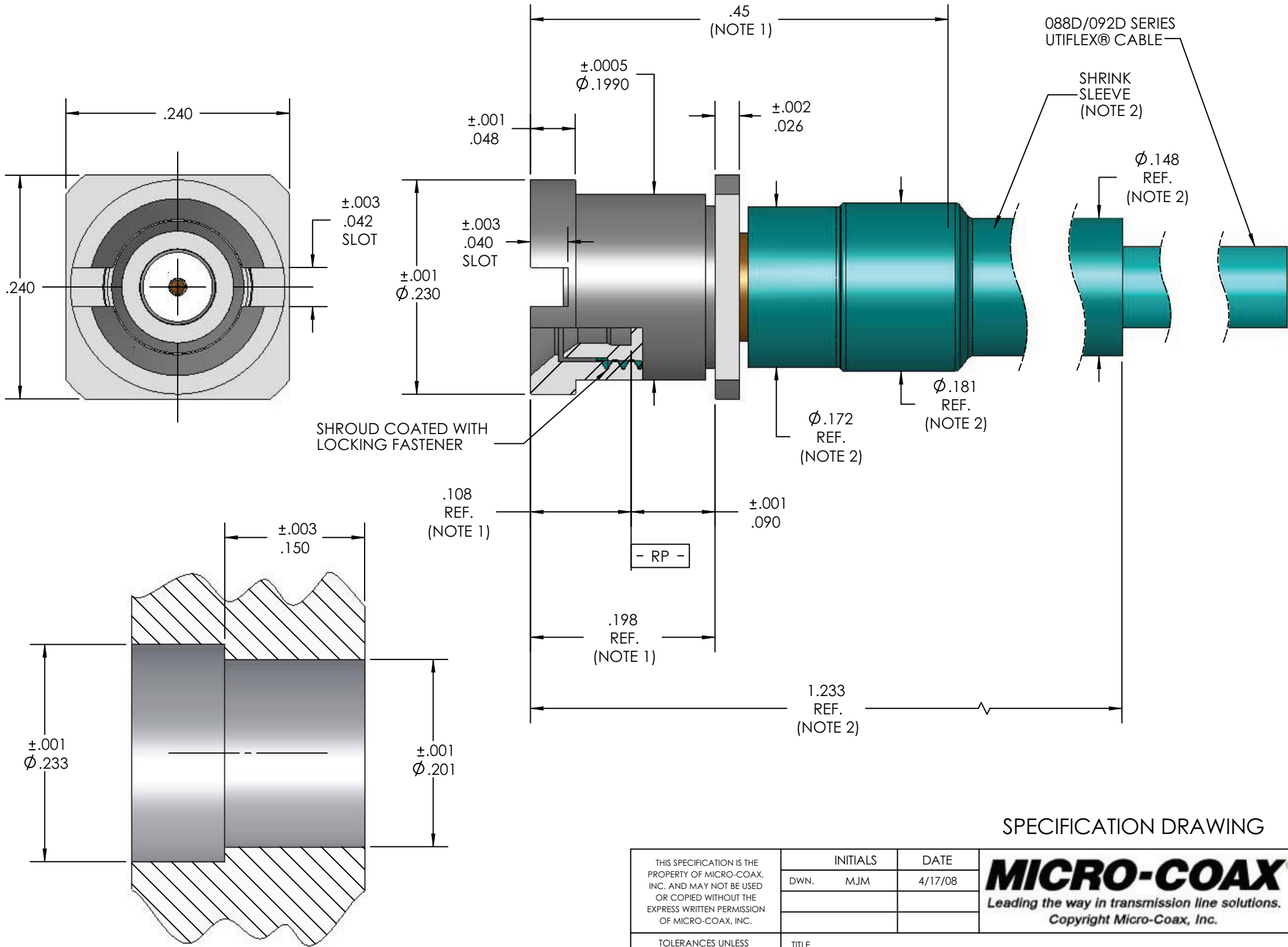
MECHANICAL CHARACTERISTICS	
IN ACCORDANCE WITH THE INTENT OF INTERFACE	MIL-STD-348, FIGURE 326-3
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	DSCC 94008 REF.
FORCE TO ENGAGE	10.0 LBS. MAX.
FORCE TO DISENGAGE	2.0 LBS. MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	3.0 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	3.0 LBS. MIN.
CABLE RETENTION	30 LBS. MIN.
DURABILITY	500 CYCLES MIN.
MASS	.88 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	40.0 GHz
VSWR DC - 20.0 GHz	1.15:1 MAX.
20.0 - 26.5 GHz	1.20:1 MAX.
26.5 - 40.0 GHz	1.70:1 MAX.
INSERTION LOSS	0.08 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	775 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3.0 GHz	-80 dB MIN.
3.0 - 26.5 GHz	-65 dB MIN.
CORONA	200 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	500 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	
BODY	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
REAR BODY, CONTACT	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
SHROUD	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967, WITH LOCKING FASTENER PER IFI-124.
INSULATOR(S)	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
APPLICATION	
CABLE(S)	UF8088D, UFA092D
INSTALLATION	PER CONFIGURATOR

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NOTE:

- INDICATED DIMENSIONS APPLY WITH REQUIRED PANEL THICKNESS.
- 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 - RDCR 77108	5/7/2008	MJM	MJR	MJR
B	ECO 85124	7/9/2008	PLM	RS	PLM
B1	ECO 85657	10/20/2008	MJM	MJR	MJR



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		DWN.	MJM	4/17/08						
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE								
		SMP MALE (PIN), LIMITED DETENT, 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				64639	B	8:1	1 OF 1	SD904832	B1
.XXXX	± .0010									
ANGLES	± 2°									