

MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 326-2 (FULL DETENT)
IN ACCORDANCE WITH THE INTENT OF 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	CABLE DEPENDENT
DURABILITY	100 CYCLES MIN.
RECOMMENDED SHROUD TORQUE	6-8 IN-LBS.
MASS	0.88 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	0.06 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	500 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3 GHz	-90 dB MIN.
3 - 26 GHz	-65 dB MIN.
CORONA	190 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.

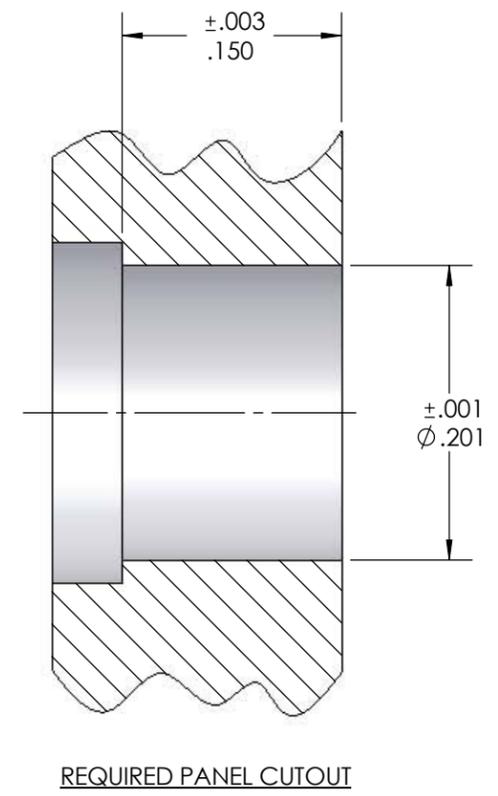
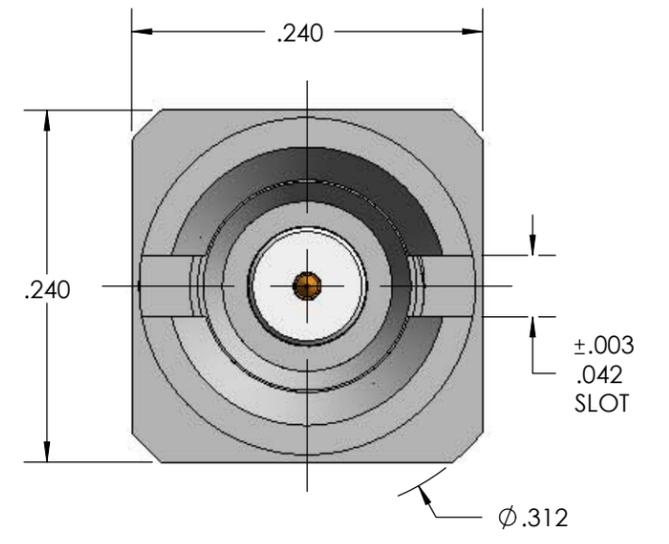
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-65°C TO 165°C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, EXCEPT STEP 7B
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%

MATERIALS AND FINISH	
BODY, SHROUD	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
INSULATOR & DIELECTRIC STOP	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358

APPLICATION	
CABLE(S)	088D/092D
INSTALLATION	PER CONFIGURATOR

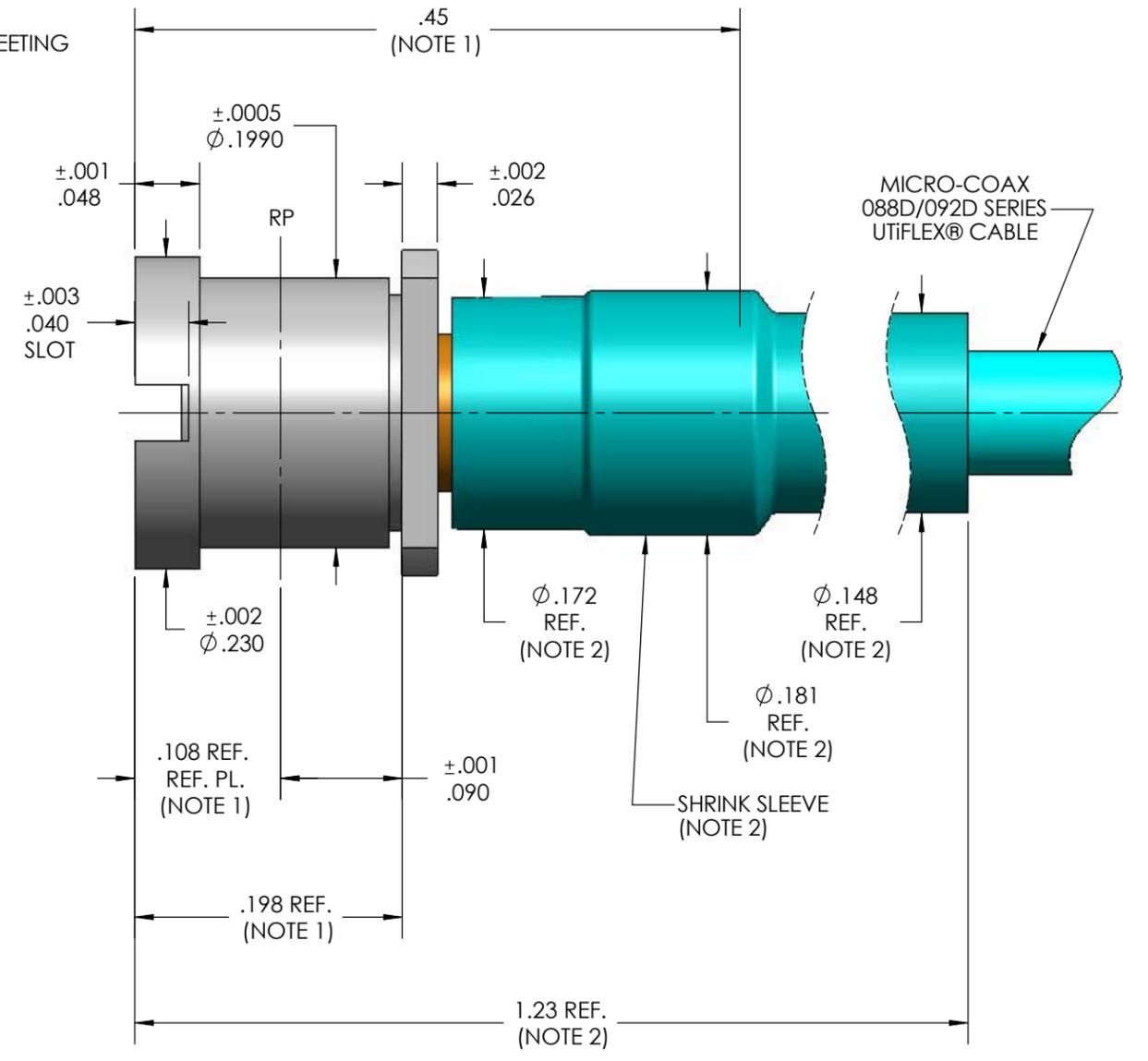
NOTE: **THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.**

- INDICATED DIMENSIONS APPLY WITH REQUIRED PANEL THICKNESS.
- MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
- DIMENSIONS WITH TOLERANCES ARE FOR THE PURPOSE OF MEETING CUSTOMER REQUIREMENTS.



REQUIRED PANEL CUTOUT

REV.	DESCRIPTION	DATE	BY	APPVD
A	INITIAL RELEASE	03/15/05	SRS	RS
A1	ECO 55761	10/20/2005	JMK	RS
B	ECO 65319	8/1/2006	MJM	RS
B1	ECO 125456	8/24/2012	MJM	RS



SPECIFICATION DRAWING

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	DWN. SRS	06/01/04						
	CHKD. CCF	8/27/12						
	APPVD.							
TOLERANCES UNLESS OTHERWISE SPECIFIED	TITLE		SMP MALE (PIN), 088D/092D CABLE, FULL DETENT					
.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	SD904078	B1
.XXXX ±.0010								
ANGLES ± 2°								