MECHANICAL CHARACTERISTICS

INTERFACE	MIL-STD-348, FIGURE 326-5 (SMOOTH BORE, CATCHERS MIT)
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	DSCC 94007 & 94008 REF.
FORCE TO ENGAGE	2.0 LBS. MAX.
FORCE TO DISENGAGE	0.5 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	1000 CYCLES MIN.
RECOMMENDED SHROUD TORQUE	6-8 IN-LBS.
MASS	0.78 GRAMS NOM.

ELECTRICAL CHARACTERISTICS

IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	26.5 GHz
VSWR DC - 20 GHz	1.15:1 MAX.
20 - 26.5 GHz	1.20:1 MAX.
INSERTION LOSS	0.04 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	500 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3 GHz	-80 dB MIN.
3 - 26.5 GHz	-65 dB MIN.
CORONA	130 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(S)	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358

APPLICATION

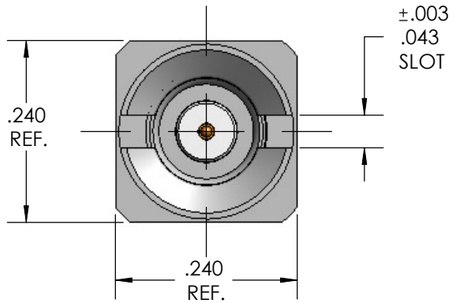
CABLE(S)	UGF070D
INSTALLATION	PER CONFIGURATOR

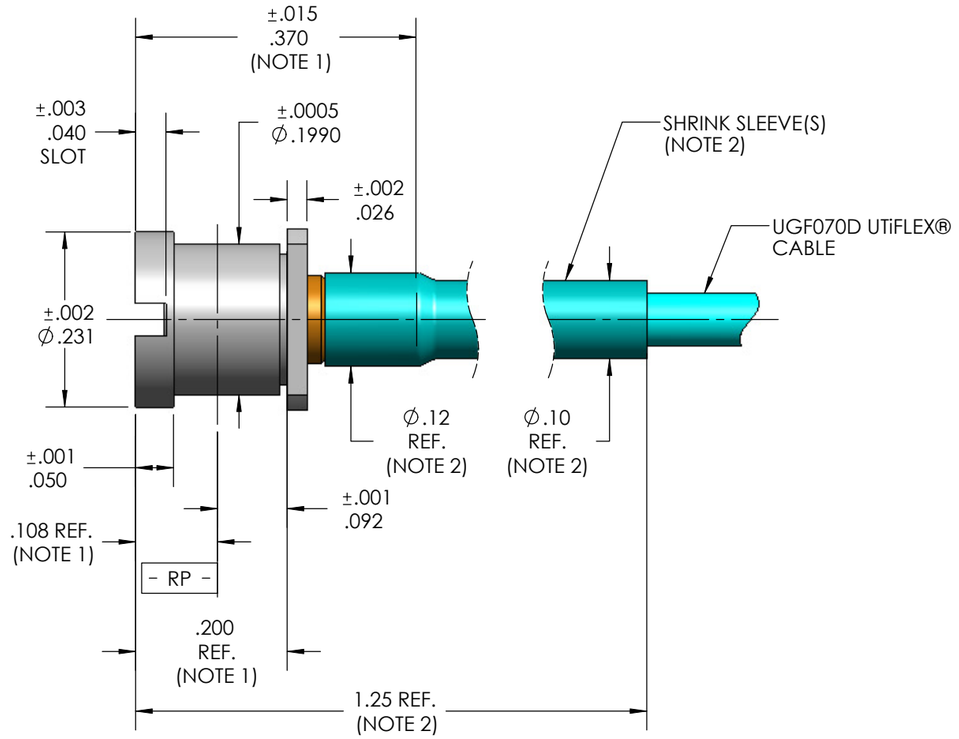
THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.

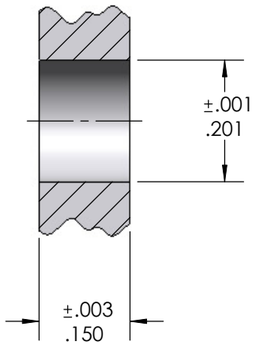
REV.	DESCRIPTION	DATE	BY	APPVD
A	ECO 125618	11/20/2012	MJM	RS

NOTE:

1. INDICATED DIMENSIONS APPLY WITH REQUIRED PANEL THICKNESS.
2. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.







REQUIRED PANEL THICKNESS

SPECIFICATION DRAWING

	INITIALS	DATE
DWN.	CCF	05/20/10
CHKD.	CCF	11/20/12
APPVD.		

MICRO-COAX®
Leading the way in transmission line solutions.

TOLERANCES UNLESS OTHEWISE SPECIFIED	
.XX	± .02
.XXX	± .005
.XXXX	± .0010
ANGLES	± 2°

TITLE: SMP PIN, BULKHEAD, SMOOTH BORE,CATCHERS MITT UGF070D

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
64639	B	5:1	1 OF 1	SD905063	A