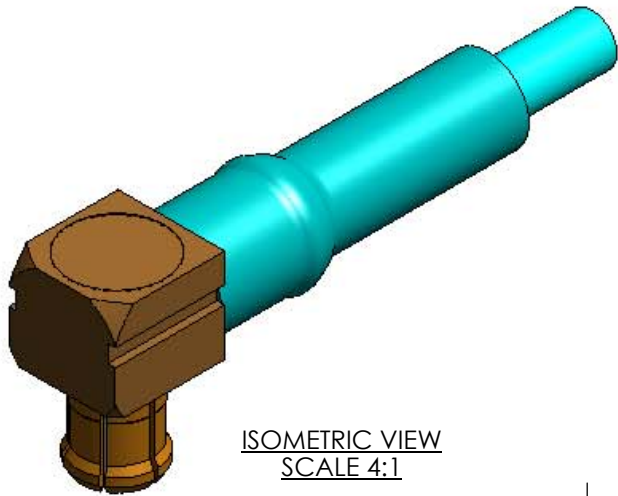


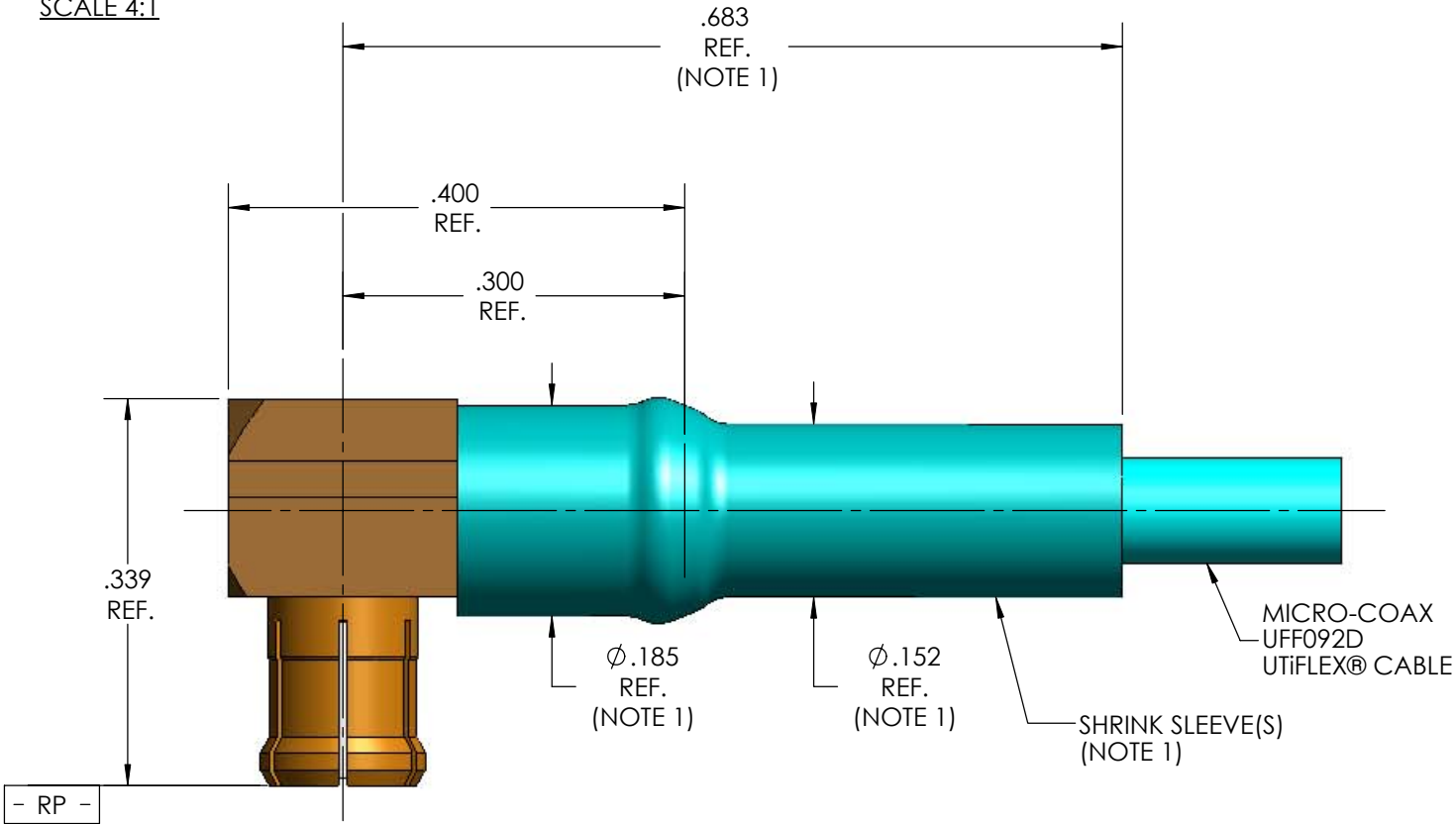
MECHANICAL CHARACTERISTICS	
IN ACCORDANCE WITH THE INTENT OF INTERFACE	CECC 22220, FIG. 2.1.1
SLANT SHEET	N/A
FORCE TO ENGAGE	3.4 IN-LBS. MAX. (FULL DETENT)
FORCE TO DISENGAGE	1.77 IN-LBS. MIN. (FULL DETENT)
DURABILITY	500 CYCLES MIN.
CABLE RETENTION	10 LBS. MIN.
MASS	0.98 GRAMS NOM
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	6 GHz
VSWR DC - 4 GHz	1.25:1 MAX.
4 - 6 GHz	1.35:1 MAX.
INSERTION LOSS	0.1 \sqrt{f} (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	875 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3 GHz	-80 dB
3 - 6 GHz	-65 dB
CORONA	230 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	575 Vrms MIN.
CONTACT RESISTANCE (INNER)	5.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	1.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-55°C TO 155°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, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
CONTACT & BODY	BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710
REAR BODY, END CAP	BRASS, PER ASTM-B-16 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
APPLICATION	
CABLE(S)	UFF092D
INSTALLATION	PER CONFIGURATOR

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REV.	DESCRIPTION	DATE	BY	APPVD
A	ECO 85155	5/14/2008	MJM	RS



ISOMETRIC VIEW
SCALE 4:1



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

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		DWN.	MJM	2/01/07							
		CHKD.	MJR	10/22/08							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		MCX PLUG, UFF092D									
.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	SD903074	A		
.XXXX	± .0010										
ANGLES	± 2°										