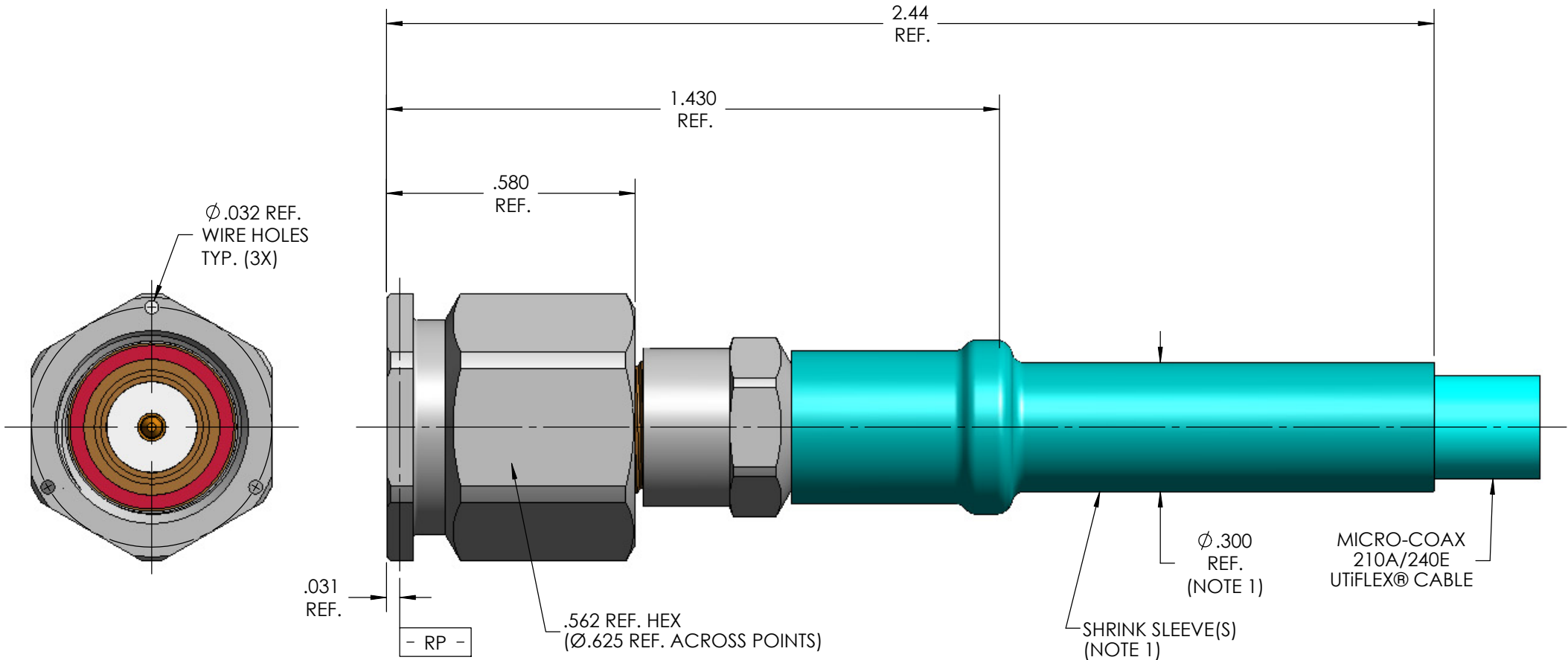


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 313-3
SLANT SHEET	N/A
RECOMMENDED MATING TORQUE	9 IN-LBS NOM.
COUPLING PROOF TORQUE	15 IN-LBS. MIN.
COUPLING NUT RETENTION	60 IN-LBS. MIN.
FORCE TO ENGAGE	2 LBS. MAX.
FORCE TO DISENGAGE	2 LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION	6 LBS. MIN. (BOTH DIRECTIONS)
CABLE RETENTION	20 LBS MIN.
MASS (FOR 240E CABLE)	19.34 GRAMS NOM.
MASS (FOR 210A CABLE)	18.85 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 12.4 GHz	1.12:1 MAX.
12.4 GHz - 18 GHz	1.16:1 MAX.
INSERTION LOSS	0.04 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1250 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB
CORONA	310 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	800 Vrms MIN.
CONTACT RESISTANCE (INNER)	4.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-75 °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, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
CLAMP NUT & COUPLING NUT	STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
CONTACT	BERYLLIUM COPPER, ASTM-B-196, GOLD PLATE PER ASTM-B488, OVER ELECTROLESS NICKEL, HIGH PHOSPHORUS, PER ASTM-B733, OVER COPPER FLASH PER SAE-AMS 2418
CONTACT RING	BRASS, PER ASTM B16, GOLD PLATE PER ASTM-B-488 AND MIL-DTL-45204, OVER TRI-M3TM PLATE
INSULATOR, DIELECTRIC STOP	TFE FLUOROCARBON PER ASTM-D-1710
GASKET	SILICONE RUBBER PER A-A-59588
BODY	BRASS, PER ASTM B16, GOLD PLATE PER ASTM-B488, TYPE II, CODE C, CLASS 3.05, OVER COPPER PLATE PER ASTM-B734, CLASS 2.54
APPLICATION	
CABLE(S)	210A/240E
INSTALLATION	PER CONFIGURATOR

THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.

REV	DESCRIPTION	DATE	BY	APPVD	CHKD
A	INITIAL RELEASE - RDCR 127007	4/29/2013	MJM	MJR	MJR



NOTE:

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

SPECIFICATION DRAWING

THIS SPECIFICATION IS THE PROPERTY OF MICRO-COAX, INC. AND MAY NOT BE USED OR COPIED WITHOUT THE EXPRESS WRITTEN PERMISSION OF MICRO-COAX, INC.	INITIALS		DATE		MICRO-COAX® Leading the way in transmission line solutions. Copyright Micro-Coax, Inc.					
	DWN.	MJM	8/14/12							
	CHKD.	MJR	8/21/12							
	APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE								
		TNCA PLUG, WIRE HOLES, LOW PIM, 210A/240E 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	3:1	1 OF 1	SD905191	A
.XXXX	± .0010									
ANGLES	±2°									