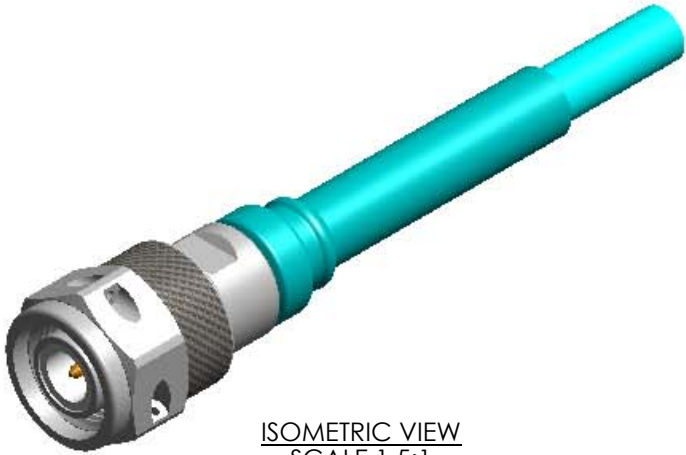


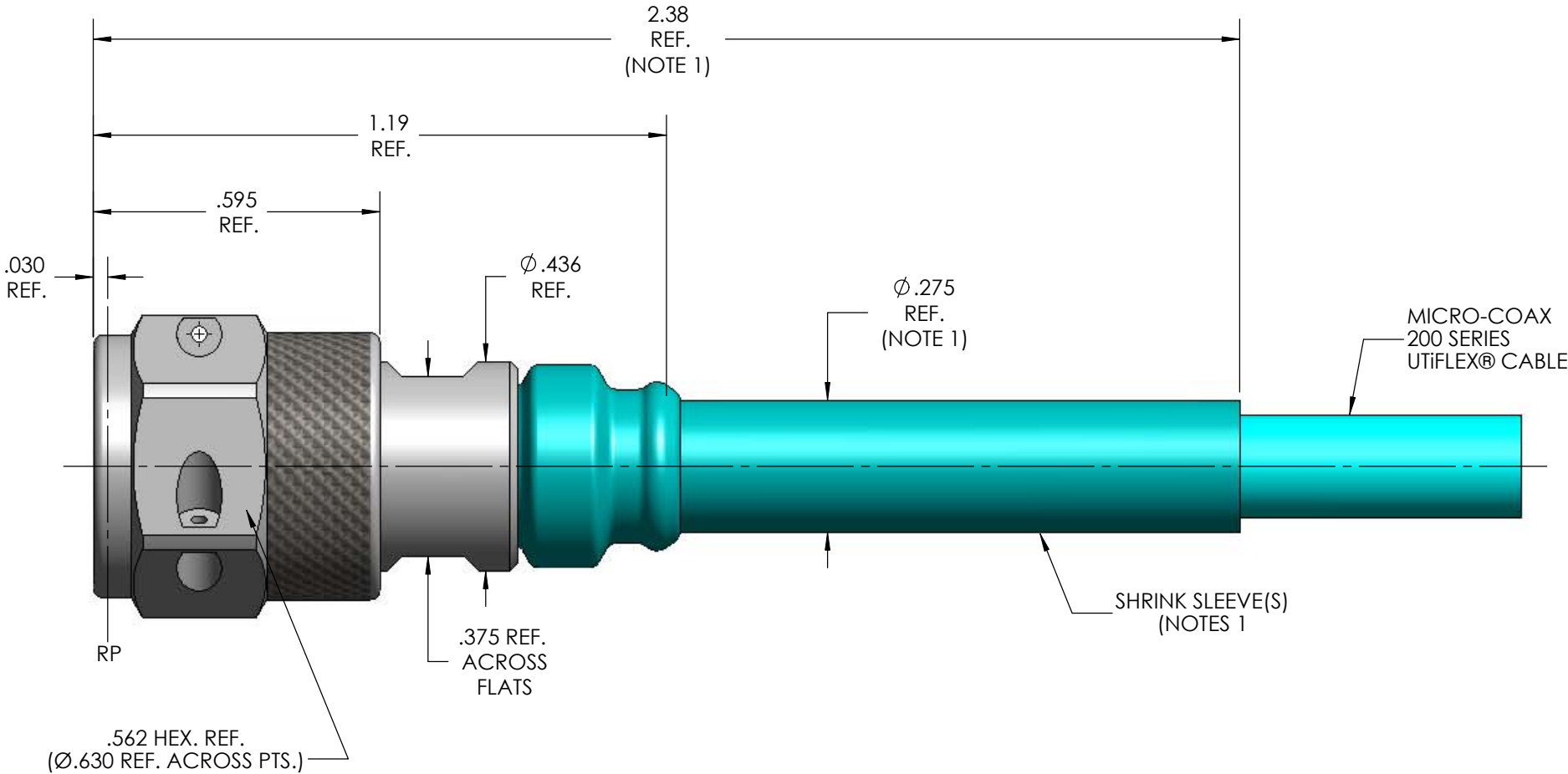
MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIG. 313-1
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	MIL-PRF-39012/26 REF.
RECOMMENDED MATING TORQUE	20.0 IN-LBS. NOM.
COUPLING PROOF TORQUE	25 IN-LBS. MIN
COUPLING NUT RETENTION	60 LBS MIN.
FORCE TO ENGAGE	2.0 IN-LBS. MAX.
FORCE TO DISENGAGE	2.0 IN-LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6.0 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6.0 LBS. MIN.
CABLE RETENTION	20 LBS. MIN.
MASS	MASS = 17.24 GRAMS
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50.0 Ohms NOM.
MAXIMUM FREQUENCY	14.0 GHz
VSWR DC - 12.4 GHz	1.15:1MAX.
12.4 GHz - 14.0 GHz	1.20:1 MAX
INSERTION LOSS	0.04 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1500 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 14 GHz	-90 dB MIN.
CORONA	375 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	1000 Vrms MIN.
CONTACT RESISTANCE (INNER)	4.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-62°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	
CONTACT	BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL- 45204, OVER NICKEL PLATE PER AMS-QQ-N-290.
DIELECTRIC BEAD & DIELECTRIC STOP	POLYPHENYLENE SULFIDE, (PPS) PER ASTM-D-6358
BODY, BUSHING, CLAMP NUT, & COUPLING NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
GASKET	SILICONE RUBBER PER ZZ-R-765
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
CONTACT RING	BRASS, PER ASTM-B-16, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
INSULATOR	TFE FLUOROCARBON, PER ASTM-D-1710
APPLICATION	
CABLE(S)	200 SERIES
INSTALLATION	PER CONFIGURATOR

THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.

REV.	DESCRIPTION	DATE	BY	APPVD
A	ECO 85100	3/3/2008	MJM	RS
B	ECO 125102	2/27/2012	MJM	RS



ISOMETRIC VIEW  
SCALE 1.5:1



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		<div><b>MICRO-COAX</b><sup>®</sup></div> <div>Leading the way in transmission line solutions.</div> <div>Copyright Micro-Coax, Inc.</div>					
		DWN.	MJM	2/7/08							
		CHKD.	CCF	3/1/12							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		TNC PLUG, SAFETY WIRES, 200 SERIES 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	SD904847	B		
.XXXX	± .0010										
ANGLES	± 2°										

NOTE:

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