MECHANICA	L CHARACTERISTICS					
INTERFACE	IEC 169-23 (WITH EXCEPTIONS - SEE NOTES 2 & 3)					
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	IEEE P287 REF.					
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.					
COUPLING PROOF TORQUE	15 IN-LBS. MIN.					
COUPLING NUT RETENTION	60 LBS. MIN.					
FORCE TO ENGAGE	2 IN-LBS. MAX.					
FORCE TO DISENGAGE	2 IN-LBS. MIN.					
DURABILITY	500 CYCLES MIN.					
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MAX.					
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MAX.					
CABLE RETENTION	15 LBS. MIN.					
MASS	MASS = 9.64 GRAMS					
ELECTRICAL	CHARACTERISTICS					
IMPEDANCE	50 Ohms NOM.					
MAXIMUM FREQUENCY	26.5 GHz					
VSWR DC - 18 GHz	1.16:1MAX.					
18 GHz - 26.5 GHz	1.20:1 MAX					
INSERTION LOSS	0.03 √F (GHz) dB MAX.					
DIELECTRIC WITHSTANDING VOLTAGE	975 Vrms MIN.					
INSULATION RESISTANCE	5000 MegaOhms MIN.					
RF LEAKAGE DC - 18 GHz	-90 dB MIN.					
CORONA	250 Vrms MIN. @ 70,000 FEET					
RF HIGH POTENTIAL	650 Vrms MIN.					
CONTACT RESISTANCE (INNER)	3.0 MilliOhms MAX. 3.0 MilliOhms MAX.					
CONTACT RESISTANCE (OUTER)						
ENVIRONMENT	AL CHARACTERISTICS					
OPERATING TEMPERATURE	-55°C TO 150°C					
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D 20 Gs					
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I 10 Gs					
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B					
moisture resistance	MIL-STD-202, METHOD 106, CONDITION B (NO VIBRATION)					
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%					
MATERIA	ALS 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	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205					
BODY, SLEEVE, CLAMP NUT, & COUPLING NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967					
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197					
GASKET	SILICONE RUBBER PER ZZ-R-765					
CONTACT RING	BRASS, PER ASTM-B-16, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290					

210A SERIES CABLE

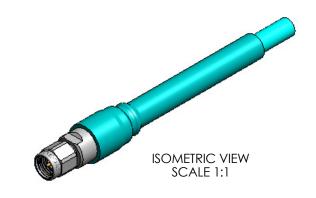
PER CONFIGURATOR

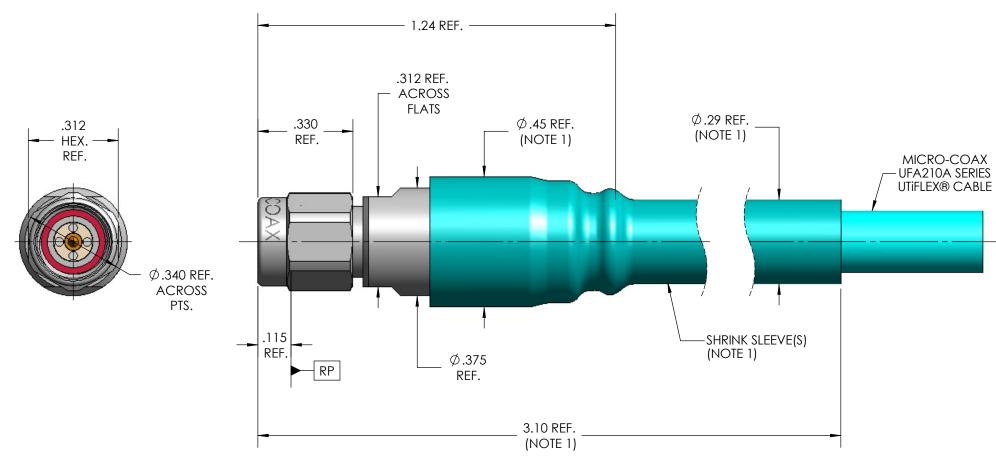
CABLE(S)

INSTALLATION

## THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL

REV	DESCRIPTION	DATE	BY	APPVD	CHKD
Α	INITIAL RELEASE - ECO 125303	6/8/2012	MJM	RS	CCF





## NOTE(S):

- 1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
- 2. CONTACT DIMENSION PER IEC 169-23, Ø.0362 .0368 IS Ø.0358 .0368.
- 3. THE BODY AND CONTACT DIMENSIONS PER IEC169-23, Ø.1375 .1381 AND Ø.0596 .0600, ARE DIMENSIONED AS REQUIRED TO MEET THE PERFORMANCE SPECIFICATIONS HEREIN.

## SPECIFICATION DRAWING

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	THIS SPECIFIC	CATION IS THE		INITIALS	DA	TE			<b>A</b> F	10		
	PROPERTY OF MICRO-COAX, INC. AND MAY NOT BE USED		DWN.	SRS	07/28	3/04	MICRO-COA					
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	OF MICRO-	OF MICRO-COAX, INC.							Copyri	ght Micro-0	Coax, Inc.	
	TOLERANCES UNLESS OTHEWISE SPECIFIED  .XX ± .02		3.5MM PLUG, 210A SERIES CABLE									
	.XXX	± .005	ALL DIMENSIONS IN INC		1301		A NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	
	.XXXX	± .0010		UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD		11	/20	D	2.1	1 05 1	SD903382	
	ANGLES	± 2°	WITH ANSI B1.1-1989		- A		639	D	J. 1	I OF I	3D7U330Z	