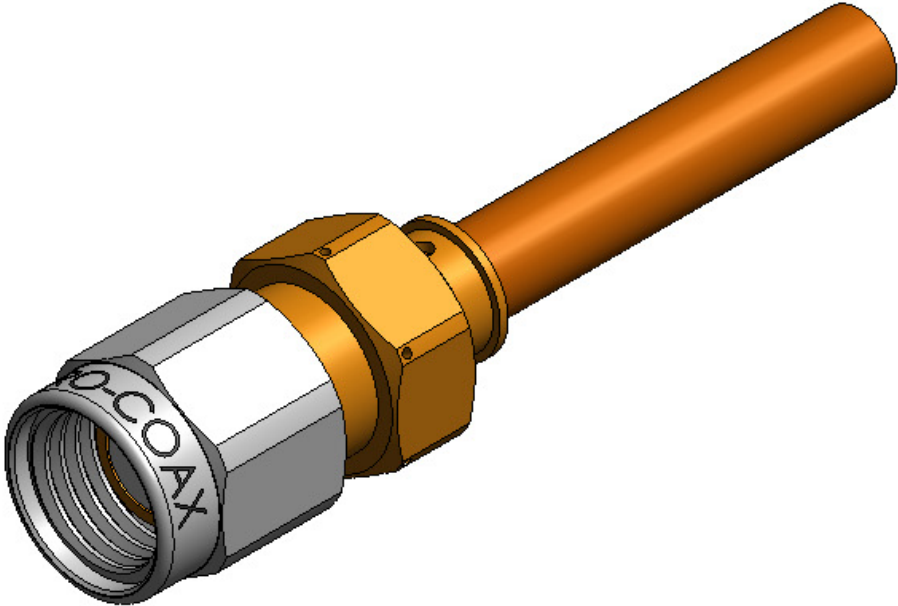
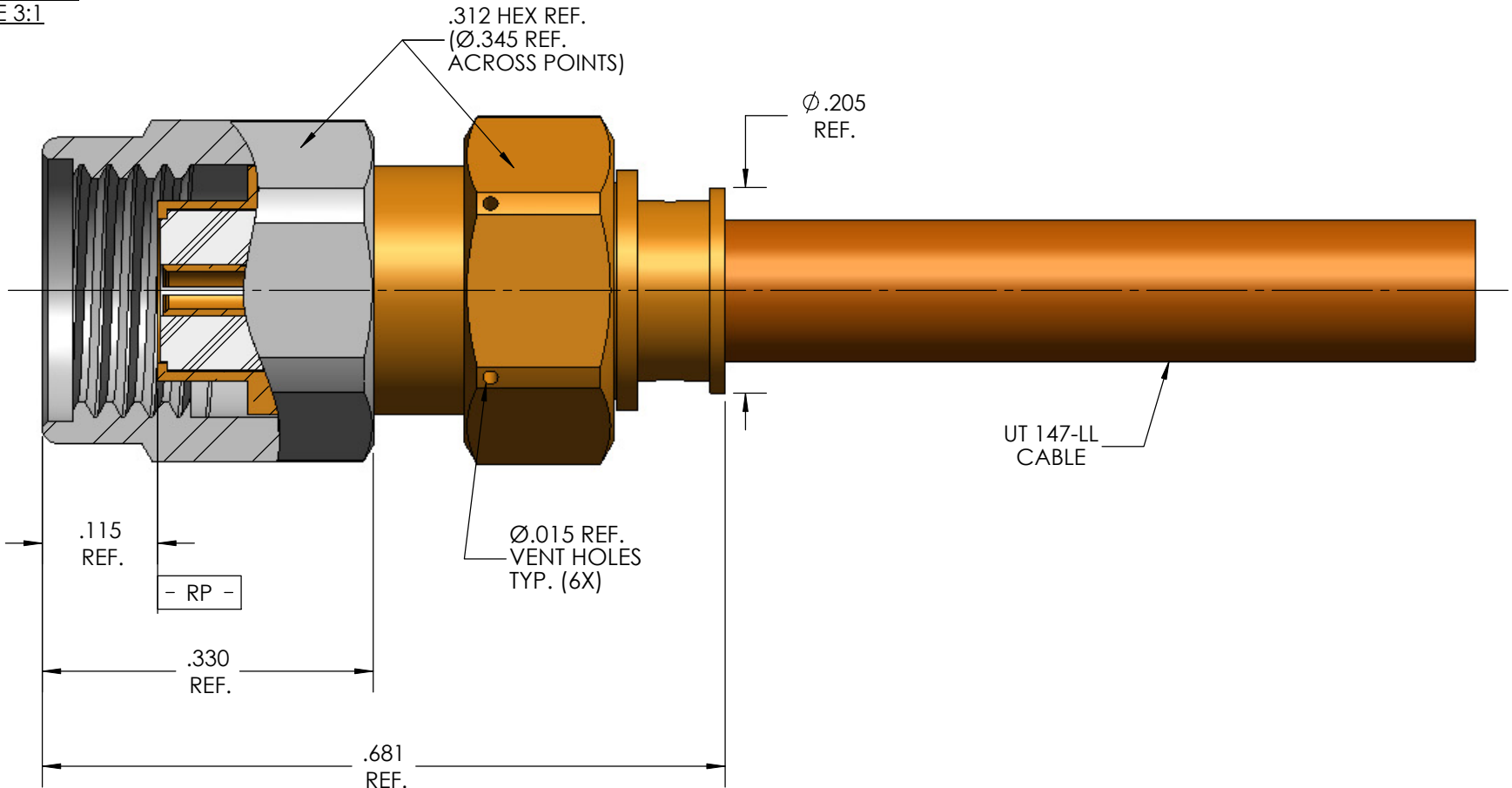


MECHANICAL CHARACTERISTICS	
INTERFACE	MICRO-COAX DRAWING A-18409
SLANT SHEET	N/A
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
COUPLING PROOF TORQUE	15 IN-LBS. MIN.
COUPLING NUT RETENTION	60 LBS. MIN.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO DISENGAGE	2 IN-LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
CENTER CONTACT INSERTION	2 LBS. MAX
CENTER CONTACT WITHDRAW	1 OZ. MIN.
CABLE RETENTION	20 LBS. MIN.
MASS	3.69 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 18 GHz	1.15:1 MAX.
INSERTION LOSS	0.03 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1100 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	280 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	725 Vrms MIN.
CONTACT RESISTANCE (INNER)	3.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-100°C TO 150°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
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
COUPLING NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
BODY, REAR BODY, CONTACT	BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710
DIELECTRIC BEAD(S)	POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205
APPLICATION	
CABLE(S)	UT 141-LL CABLE
INSTALLATION	PER CONFIGURATOR

THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.



ISOMETRIC VIEW
SCALE 3:1



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		MICRO-COAX PROVEN RELIABLE					
		DWN.	MJM	10/19/09							
		CHKD.	CCF	7/17/13							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		REVERSE POLARITY, SMA PLUG, VENT HOLES, UT 141-LL, SPACE GRADE									
.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	4:1	1 OF 1	SD905012	B
.XXXX	± .0010										
ANGLES	± 2°										

NOTE:

1. ALL SPECIFICATIONS LISTED ON THIS DRAWING WILL ALSO APPLY TO CONNECTOR 905012-EM (EQUIPMENT MODEL).