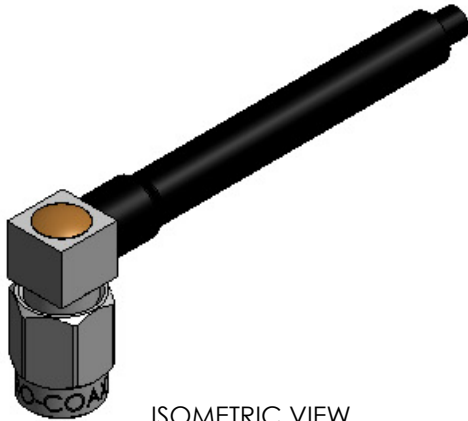
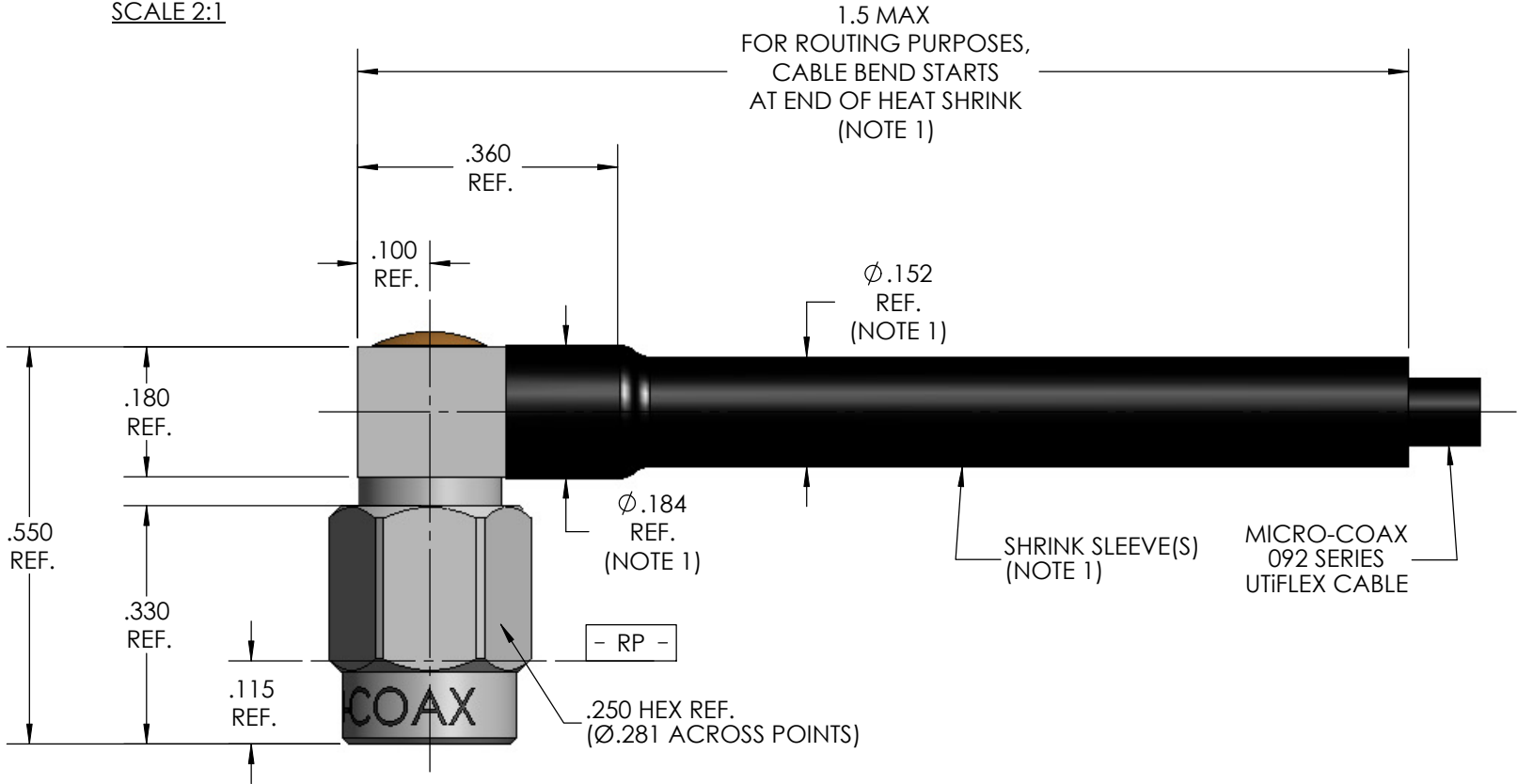


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 319-1
SLANT SHEET	MIL-PRF-39012/140 REF.
RECOMMENDED MATING TORQUE	5 IN-LBS. NOM.
COUPLING PROOF TORQUE	15 IN-LBS NOM.
COUPLING NUT RETENTION	60 LBS. MIN.
FORCE TO ENGAGE	2 LBS. MIN.
FORCE TO DISENGAGE	2 LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	4 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	2 LBS. MIN.
CABLE RETENTION	10 LBS. MIN.
MASS	2.37 GRAMS NOM
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 12.4 GHz	1.22:1 MAX.
12.4 - 18 GHz	1.35:1 MAX
INSERTION LOSS	0.03 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	650 Vrms MIN..
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	170 Vrms MIN.. @ 70,000 FEET
RF HIGH POTENTIAL	425 Vrms MIN..
CONTACT RESISTANCE (INNER)	4.0 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	
BODY	STEEL, CORROSION RESISTANT PER ASTM-A-582, UNS NO. S30300, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
CONTACT	BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC STOP	POLYETHERIMIDE THERMOPLASTIC, PE10113 PER ASTM-D-5205
DIELECTRIC STOP, INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710
END CAP	BRASS, PER ASTM B16, GOLD PLATED PER MIL-DTL-45204, OVER COPPER PLATE PER MIL-C-14550
COUPLING NUT	STEEL, CORROSION RESISTANT PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
APPLICATION	
CABLE(S)	092 SERIES CABLE
INSTALLATION	PER CONFIGURATOR

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ISOMETRIC VIEW
SCALE 2:1



NOTES:

1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
2. ALL SPECIFICATIONS LISTED ON THIS DRAWING WILL ALSO APPLY TO CONNECTOR 904986-EM (EQUIPMENT MODEL).

REV	DESCRIPTION	DATE	BY	APPVD	CHKD
A	ECO 105488	6/1/2010	MJM	RS	NDS
B	ECO 115440	7/25/2011	MJM	RS	CCF
C	ECO 135363	7/15/2013	MJM	RS	CCF

SPECIFICATION DRAWING

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		DWN.	PLM	05/27/09							
		CHKD.	CCF	7/17/13							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		SSMA PLUG, MITER RIGHT ANGLE, SPACE GRADE, 092 SERIES									
.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	SD904986	C
.XXXX	± .0010										
ANGLES	± 2°										