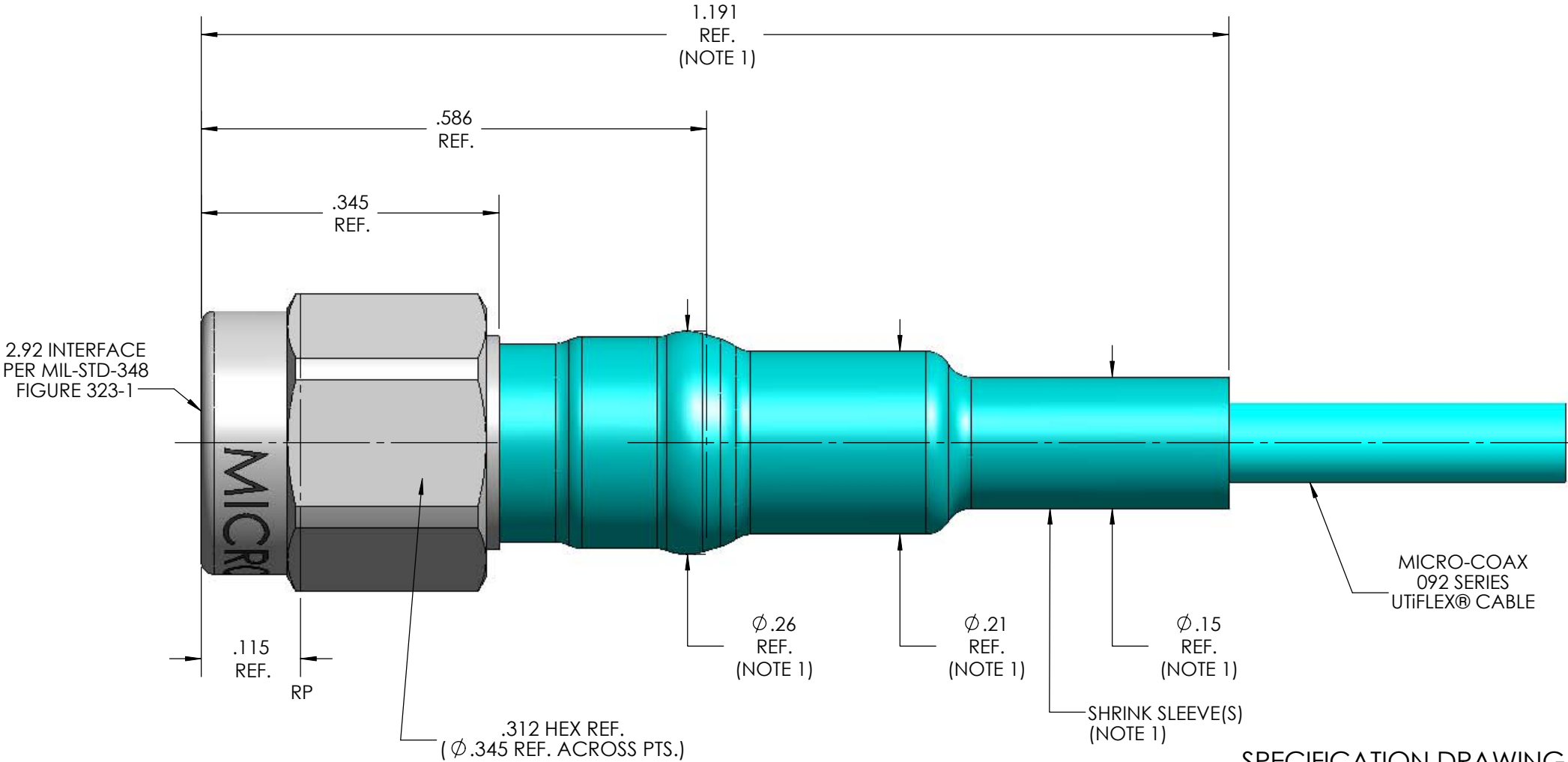
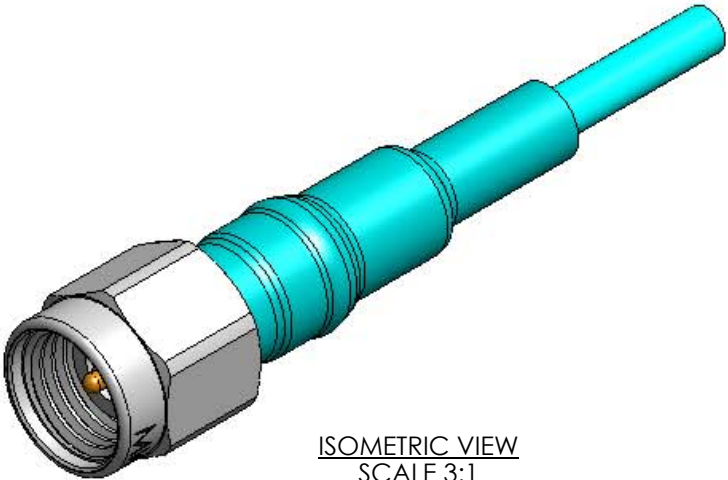


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 323-1
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	IEEE-STD-287 REF.
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
COUPLING NUT PROOF TORQUE	15 IN-LBS. MIN.
COUPLING NUT RETENTION	60 LBS. MIN.
FORCE TO ENGAGE	2 LBS. MAX.
FORCE TO DISENGAGE	2 LBS. MAX.
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	2.54 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	40 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
18-40 GHz	1.20:1 MAX.
INSERTION LOSS	0.03 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	650 Vrms
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 40 GHz	-65 dB MIN.
CORONA	170 Vrms MIN.
RF HIGH POTENTIAL	425 Vrms MIN.
CONTACT RESISTANCE (INNER)	3.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-55 °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
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
FRONT BODY, COUPLING NUT	STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
REAR BODY	STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, GOLD PLATED PER MIL-DTL-45204 OVER NICKEL PLATE PER AMS-QQ-N-290
SNAP RING	BERYLLIUM COPPER, ASTM-B-197
DIELECTRIC BEAD, DIELECTRIC STOP	POLYETHERMIDE THERMOPLASTIC, PER ASTM-D-5205
CONTACT	BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204 OVER NICKEL PLATE PER AMS-QQ-N-290
APPLICATION	
CABLE(S)	092 SERIES
INSTALLATION	PER CONFIGURATOR

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REV	DESCRIPTION	DATE	BY	APPVD	CHKD
A	ECO 105240	3/24/2010	MJM	RS	MJR



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		DWN.	TMK	6/24/08							
		CHKD.	MJR	4/8/10							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE		2.92 PLUG, SOLDER ON, 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	6:1	1 OF 1	SD903332	A		
.XXXX	± .0010										
ANGLES	± 2°										

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