MECHANICA	L 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	19.49 GRAMS NOM.					
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	1775 Vrms MIN.					
INSULATION RESISTANCE	5000 MegaOhms MIN.					
RF LEAKAGE DC - 14 GHz	-90 dB MIN.					
CORONA	450 Vrms MIN. @ 70,000 FEET					
RF HIGH POTENTIAL	1175 Vrms MIN. 4.0 MilliOhms MAX. 2.0 MilliOhms MAX.					
CONTACT RESISTANCE (INNER)						
CONTACT RESISTANCE (OUTER)	Z.O IVIIIIOTITIS IVIAA.					
ENVIRONMENT	AL 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%					
MATERIA	ALS AND FINISH					
	BERYLLIUM COPPER PER ASTM-B-196,					
CONTACT	GOLD PLATE PER MIL-DTL- 45204, OVER NICKEL PLATE PER AMS-QQ-N-290.					
DIELECTRIC BEADS	POLYPHENYLENE SULFIDE, (PPS) PER ASTM-D-6358					
BODY, 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					

293/311 SERIES CABLE

PER CONFIGURATOR

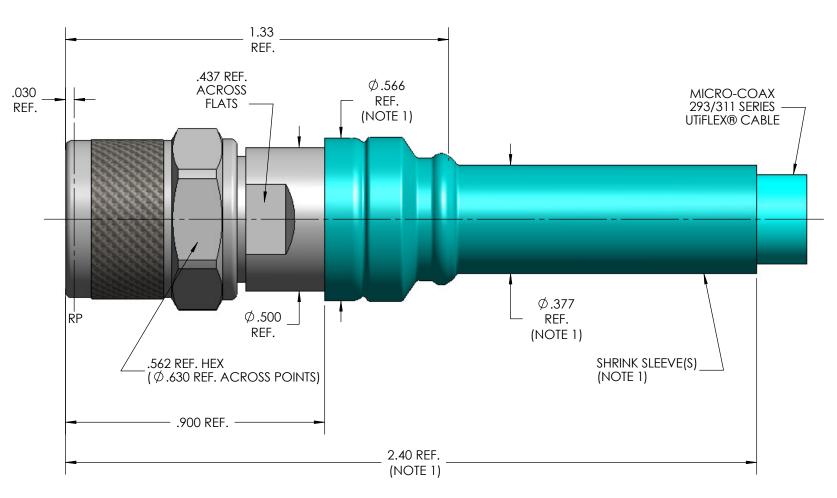
CABLE(S)

INSTALLATION

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SPECIFICATION DRAWING

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

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TOLERANCES UNLESS OTHEWISE SPECIFIED		TNC PLUG, 293/311 SERIES							
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