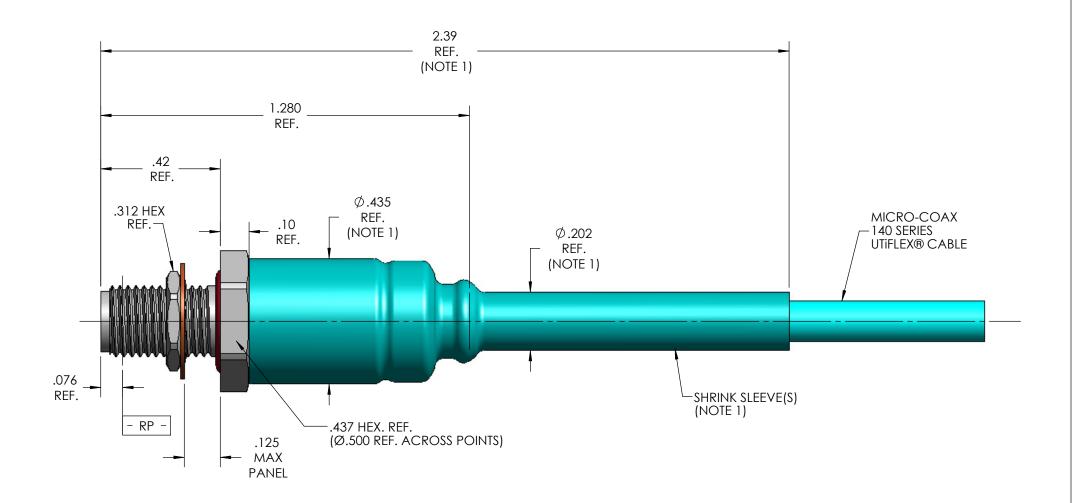
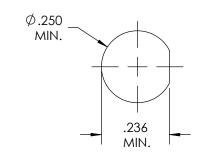
MECHANICAL	CHARACTERISTICS
INTERFACE	MIL-STD-348, FIGURE 310-2
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	MIL-PRF-39012/59 REF.
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO DISENGAGE	2 IN-LBS. MAX.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
CENTER CONTACT INSERTION (FROM CABLE)	2 LBS. MAX
CENTER CONTACT WITHDRAW (FROM CABLE)	1 Oz. MIN.
CABLE RETENTION	10 LBS MIN
MASS	MASS = 9.94 GRAMS
MASS WITHOUT NUT, LOCKWASHER, & GASKET	9.56 NOM.
RECOMMENDED JAM NUT TORQUE	12-15 IN-LBS
ELECTRICAL C	CHARACTERISTICS
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 12.4 GHz	1.09:1 MAX.
12.4 GHz - 18 GHz	1.16:1 MAX.
INSERTION LOSS	0.03 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	900 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	230 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	600 Vrms MIN.
CONTACT RESISTANCE (INNER)	2.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	3.0 MilliOhms MAX.
	AL CHARACTERISTICS
OPERATING TEMPERATURE	-62°C TO 165°C
	MIL-STD-202, METHOD 204, CONDITION D
	MIL-STD-202, METHOD 213, CONDITION I
	MIL-STD-202, METHOD 107, CONDITION (NO VIBRATION)
	MIL-STD-202, METHOD 101, CONDITION B, 5%
	MIL-STD-202, METHOD 106, CONDITION B (NO VIBRATION)
MATERIAL	LS AND FINISH
CONTACT	BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
BODY & CLAMP NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
LOCKNUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
LOCKWASHER	TIN BRASS (UNS C42500) PER ASTM-B-591 OR PHOSPHOR BRONZE (C5191R-H) PER JIS H3110, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
CONTACT RING	BRASS, PER ASTM-B-16, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER QQ-N-290
	TFE FLUOROCARBON PER ASTM-D-1710
INSULATOR & DIELECTRIC STOP	SILICONE RUBBER PER ZZ-R-765
INSULATOR & DIELECTRIC STOP  GASKET	
INSULATOR & DIELECTRIC STOP  GASKET	SILICONE RUBBER PER ZZ-R-765  LICATION
INSULATOR & DIELECTRIC STOP  GASKET	

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REV	DESCRIPTION	DATE	BY	APPVD	CHKD	
Α	INITIAL RELEASE - ECO 106088	11/30/2010	CCF	RS	MJM	
B	FCO 135231	4/25/2013	MIM	RS	CCF	





RECOMMENDED MOUNTING HOLE

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SPECIFICATION DRAWING

TOLERANC OTHEWISE	CES UNLESS SPECIFIED	TITLE	BULKHEA[	D JACK, 140 SERIES CABLE				
.XX	± .02							
.XXX	± .005	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED.	FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV
.XXXX	± .0010	SCREW THDS. TO BE IN ACCORD	44420	D	2.1	1 OF 1	SD902061	R
ANGLES	±2°	WITH ANSI B1.1-1989.	64639	D	J. I		30702001	ן ט