INTERFACE	MIL-STD-348, FIGURE 310-2	
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	MIL-PRF-39012/57 REF.	
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.	
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 (FROM CABLE)	2 LBS. MAX	
CENTER CONTACT WITHDRAW (FROM CABLE)	1 Oz. MIN.	
CABLE RETENTION	20 LBS MIN.	
MASS	8.21 GRAMS NOM.	
MASS SHEET 2	11.01 GRAMS NOM.	

ELECTI	RICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.	
MAXIMUM FREQUENCY	18 GHz	
VSWR DC - 18 GHz	1.16:1 MAX.	
INSERTION LOSS	0.03 √F (GHz) dB MAX.	
DIELECTRIC WITHSTANDING VOLTAGE	1175 Vrms MIN.	
INSULATION RESISTANCE	5000 MegaOhms MIN.	
RF LEAKAGE DC - 18 GHz	-90 dB MIN.	
CORONA	300 Vrms MIN. @ 70,000 FEET	
RF HIGH POTENTIAL	775 Vrms MIN.	
CONTACT RESISTANCE (INNER)	3.0 MilliOhms MAX.	
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.	

ENVI	RONMENTAL CHARACTERISTICS
OPERATING TEMPERATURE	-65°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
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%

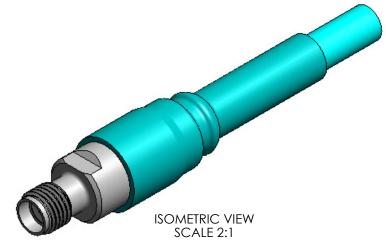
MATERIALS AND FINISH

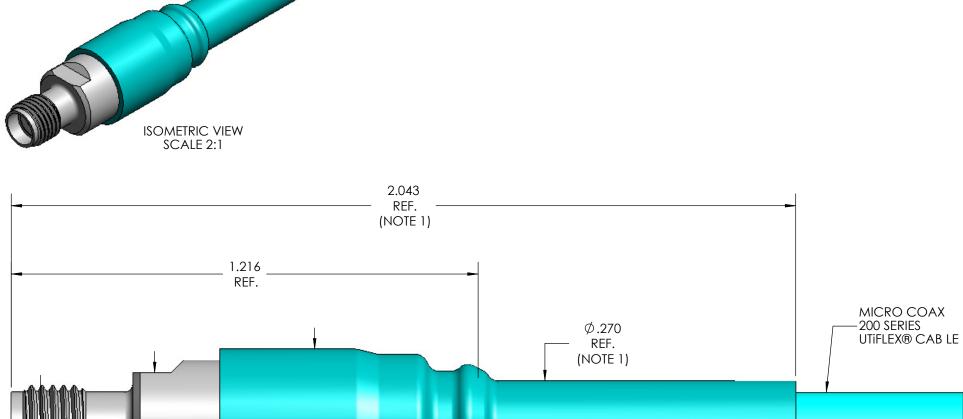
BODY & CLAMP NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
CONTACT	BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
CONTACT RING	BRASS, PER ASTM-B-16, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710
DIELECTRIC BEAD & DIELECTRIC STOP	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
ELBOW	STEEL, CORROSION RESISTANT, PER ASTM-A-269, UNS NO. S30400 (TP 304) OR S30403 (TP 304L), PASSIVATED PER ASTM-A-967



CABLE(S)	200 SERIES CABLE
INSTALLATION	PER CONFIGURATOR
CONNECTOR CODE SHEET 1	310
CONNECTOR CODE SHEET 2	3H0

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 \emptyset .435 REF.

(NOTE 1)

SPECIFICATION DRAWING

NOTES:

.076 REF.

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

.312 REF.

ACROSS FLATS

2. SEE SHEET 2 FOR 90° ELBOW CONFIGURATION.

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	DWN.	MJM	9/25/13	٦,
	CHKD.	MJM	9/25/13	
	APPVD.			
TOLERANCES UNLESS	TITLE			

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	Leading the way in transmission line solutions.
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TOLERANC OTHEWISE		SMA JACK, 200 SERIES							
.XX	± .02								-
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_SHRINK SLEEVE(S) (NOTE 1)

DESCRIPTION

PRELIMINARY RELEASE

DATE

9/25/2013

BY

MJM

APPVD CHKD

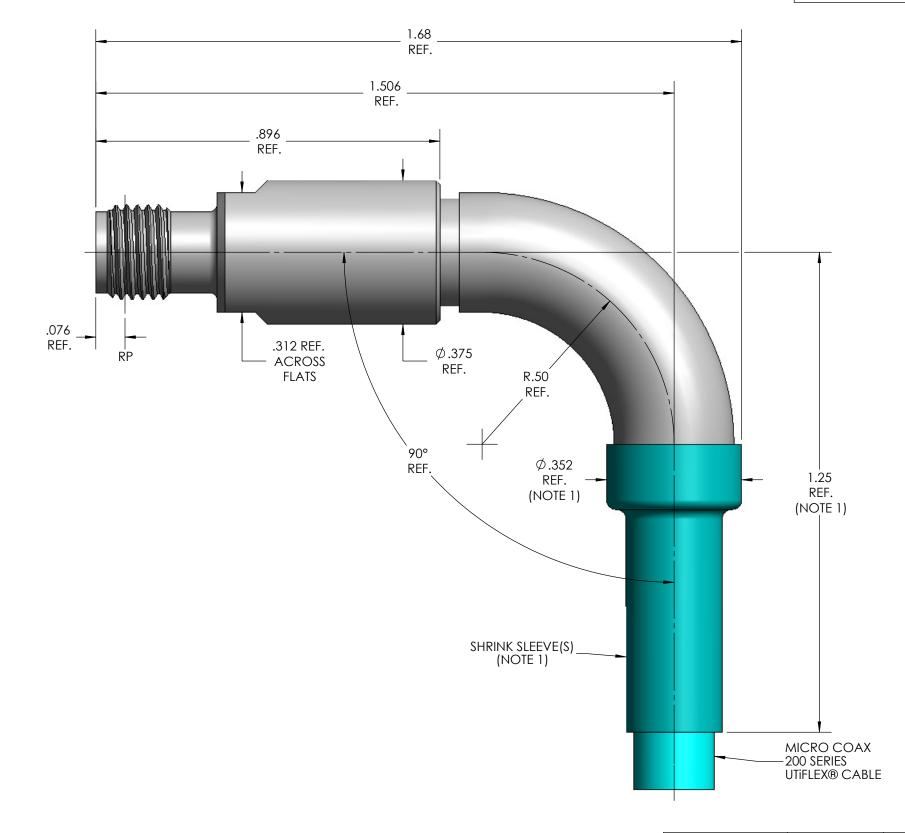
RS MJM

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DESCRIPTION

SEE SHEET 1 FOR REVISION HISTORY



NOTE:

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ISOMETRIC VIEW SCALE 2:1

ALL DIMENS	SIONS AND	INI	TIALS	DATE	MODO-COAV®				
TOLERANCES IN INCHES		DWN.	MJM	9/25/13	MICRO-COAX®				
UNLESS OTHER	WISE SPECIFIED.	CHKD.	MJM	9/25/13	Leading the way in transmission line solutions.				
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