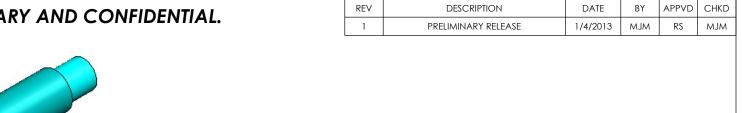
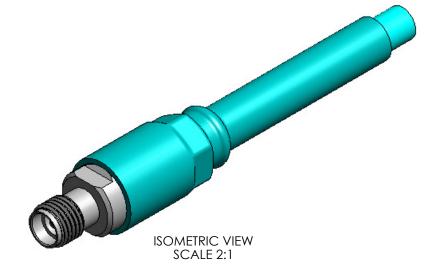
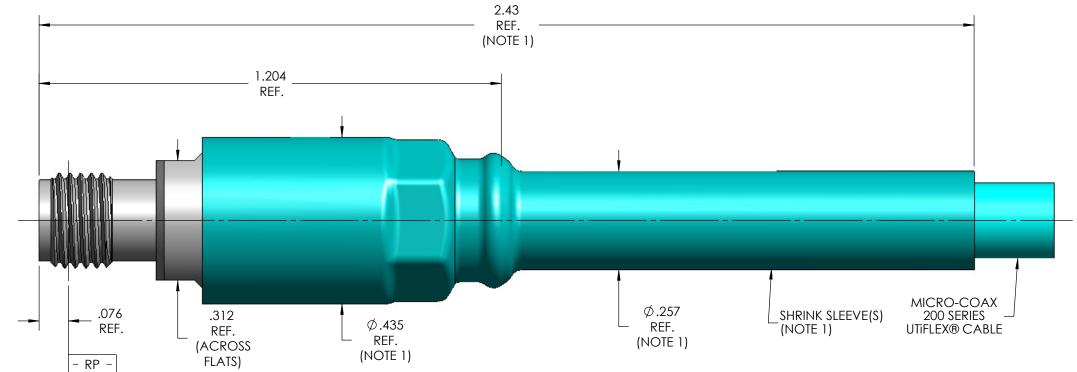
INTERFACE IN ACCORDANCE WITH THE INTENT OF SLANT SHEE RECOMMENDED MATING TORQUE FORCE TO ENGAGE FORCE TO DISENGAGE DURABILITY AXIAL CONTACT RETENTION (FROM INTERFACE) AXIAL CONTACT RETENTION (FROM CABLE) CABLE RETENTION MASS  ELECTRICA	IEC 60169-23  T IEEE P287 REF.  9 IN-LBS. NOM.  2 IN-LBS. MAX.  2 IN-LBS. MIN.  500 CYCLES MIN.  6 LBS. MAX.  15 LBS. MIN.  8.72 GRAMS NOM.
RECOMMENDED MATING TORQUE  FORCE TO ENGAGE  FORCE TO DISENGAGE  DURABILITY  AXIAL CONTACT RETENTION (FROM INTERFACE)  AXIAL CONTACT RETENTION (FROM CABLE)  CABLE RETENTION  MASS	9 IN-LBS. NOM. 2 IN-LBS. MAX. 2 IN-LBS. MIN. 500 CYCLES MIN. 6 LBS. MAX. 6 LBS. MAX. 15 LBS. MIN.
FORCE TO ENGAGE FORCE TO DISENGAGE  DURABILITY  AXIAL CONTACT RETENTION (FROM INTERFACE)  AXIAL CONTACT RETENTION (FROM CABLE)  CABLE RETENTION  MASS	2 IN-LBS. MAX. 2 IN-LBS. MIN. 500 CYCLES MIN. 6 LBS. MAX. 6 LBS. MAX. 15 LBS. MIN.
FORCE TO DISENGAGE  DURABILITY  AXIAL CONTACT RETENTION (FROM INTERFACE)  AXIAL CONTACT RETENTION (FROM CABLE)  CABLE RETENTION  MASS	2 IN-LBS. MIN. 500 CYCLES MIN. 6 LBS. MAX. 6 LBS. MAX. 15 LBS. MIN.
DURABILITY  AXIAL CONTACT RETENTION (FROM INTERFACE)  AXIAL CONTACT RETENTION (FROM CABLE)  CABLE RETENTION  MASS	500 CYCLES MIN. 6 LBS. MAX. 6 LBS. MAX. 15 LBS. MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)  AXIAL CONTACT RETENTION (FROM CABLE)  CABLE RETENTION  MASS	6 LBS. MAX. 6 LBS. MAX. 15 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)  CABLE RETENTION  MASS	6 LBS. MAX. 15 LBS. MIN.
CABLE RETENTION  MASS	15 LBS. MIN.
MASS	
	8.72 GRAMS NOM.
ELECTRICA	
	L CHARACTERISTICS
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	26.5 GHz
VSWR DC - 18 GHz	1.16:1MAX.
18 GHz - 26.5 GHz	1.20:1 MAX
INSERTION LOSS	0.045 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	950 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	250 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	625 Vrms MIN. @ 70,000 FEE1
CONTACT RESISTANCE (INNER)	3.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	3.0 MilliOhms MAX.
ENVIRONMEN	ITAL CHARACTERISTICS
OPERATING TEMPERATURE	-65°C TO 165°C
OPERATING TEMPERATURE VIBRATION	-65°C TO 165°C MIL-STD-202, METHOD 204, CONDITION D 20 Gs
OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK	-65°C TO 165°C  MIL-STD-202, METHOD 204, CONDITION D 20 Gs  MIL-STD-202, METHOD 213, CONDITION I 10 Gs
OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK	-65°C TO 165°C  MIL-STD-202, METHOD 204, CONDITION D 20 Gs  MIL-STD-202, METHOD 213, CONDITION I 10 Gs  MIL-STD-202, METHOD 107, CONDITION B
OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  MOISTURE RESISTANCE	-65°C TO 165°C  MIL-STD-202, METHOD 204, CONDITION D 20 Gs  MIL-STD-202, METHOD 213, CONDITION I 10 Gs  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  MOISTURE RESISTANCE	-65°C TO 165°C  MIL-STD-202, METHOD 204, CONDITION D 20 Gs  MIL-STD-202, METHOD 213, CONDITION I 10 Gs  MIL-STD-202, METHOD 107, CONDITION B
OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  MOISTURE RESISTANCE  CORROSION	-65°C TO 165°C  MIL-STD-202, METHOD 204, CONDITION D 20 Gs  MIL-STD-202, METHOD 213, CONDITION I 10 Gs  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  MOISTURE RESISTANCE  CORROSION	-65°C TO 165°C  MIL-STD-202, METHOD 204, CONDITION D 20 Gs  MIL-STD-202, METHOD 213, CONDITION I 10 Gs  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)  MIL-STD-202, METHOD 101, CONDITION B, 5%
OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  MOISTURE RESISTANCE  CORROSION  MATER  CONTACT & FLEA	-65°C TO 165°C  MIL-STD-202, METHOD 204, CONDITION D 20 Gs  MIL-STD-202, METHOD 213, CONDITION I 10 Gs  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)  MIL-STD-202, METHOD 101, CONDITION B, 5%  IALS AND FINISH  BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL- 45204, OVER
OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  MOISTURE RESISTANCE  CORROSION  MATER	-65°C TO 165°C  MIL-STD-202, METHOD 204, CONDITION D 20 Gs  MIL-STD-202, METHOD 213, CONDITION I 10 Gs  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)  MIL-STD-202, METHOD 101, CONDITION B, 5%  IALS AND FINISH  BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL- 45204, OVER NICKEL PLATE PER AMS-QQ-N-290.

## THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.







## SPECIFICATION DRAWING

## NOTE:

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

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	THIS SPECIFICATION IS THE PROPERTY OF MICRO-COAX, INC. AND MAY NOT BE USED OR COPIED WITHOUT THE EXPRESS WRITTEN PERMISSION OF MICRO-COAX, INC.		INITIALS		DA	ATE BALO		<b>A</b> F	20	0041	<u> </u>	
			DWN.	MJM	1/4/	13	MICRO-COA			CUAX		
			CHKD.	MJM	1/4/	13	Lead	Leading the way in transmission line solution				
			APPVD.						Copyri	ght Micro-0	Coax, Inc.	
	TOLERANCES UNLESS OTHEWISE SPECIFIED		3.5mm JACK, 200 SERIES CABLE									
	.XX	± .02										
	.XXX	± .005	ALL DIMENSIONS IN INC UNLESS OTHERWISE SPEC		1301		A NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	R
	.XXXX	± .0010		SCREW THDS. TO BE IN AC				В	4.1	1 OE 1	SD903389	
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