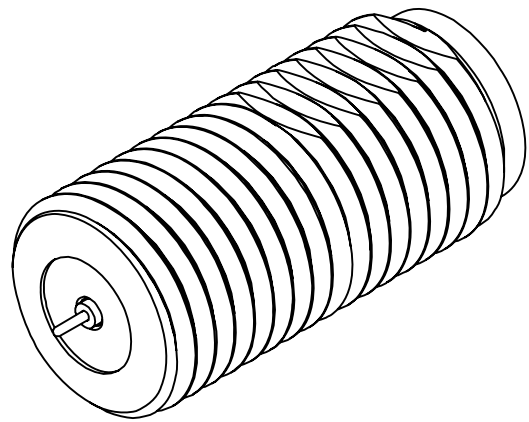
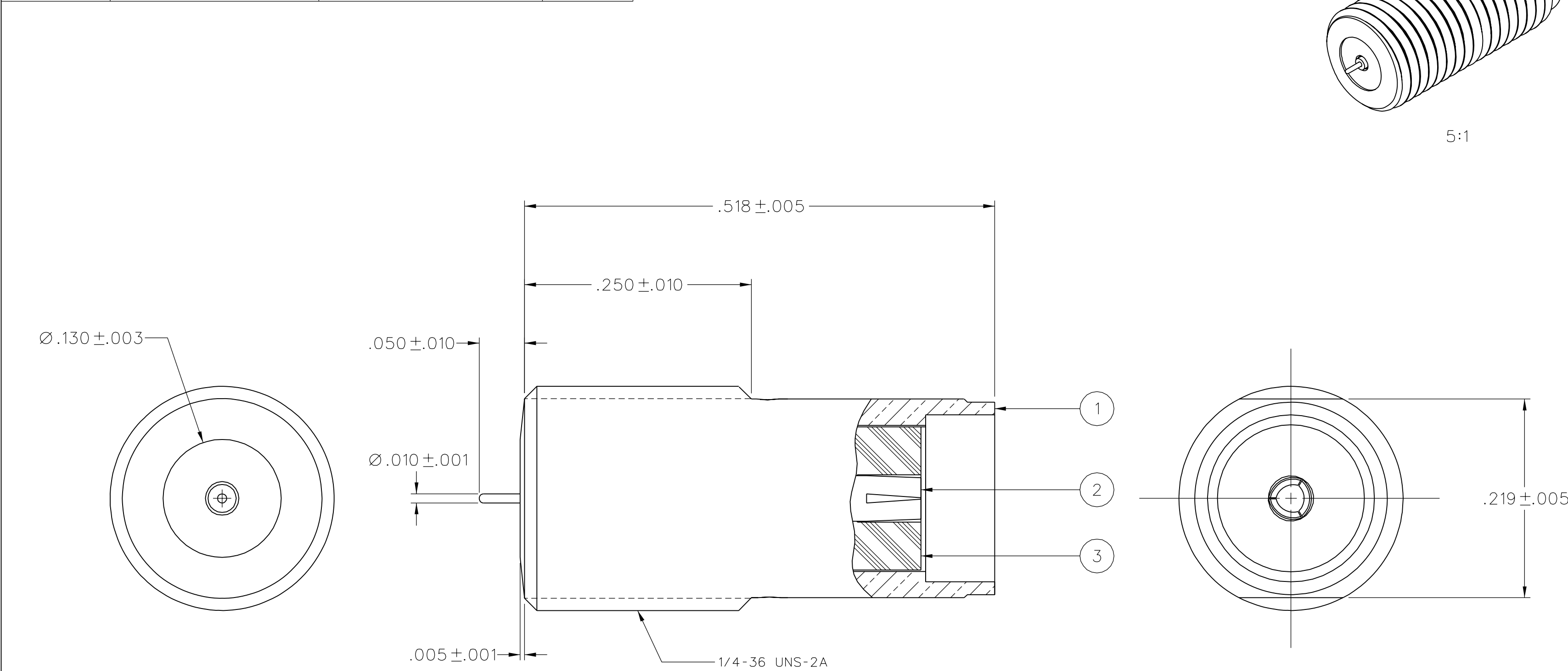


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
141-1731-062	STAINLESS STEEL PASSIVATED	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON



5:1

NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHz
VSWR: REF (DEPENDANT ON APPLICATION)
WORKING VOLTAGE: 170 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 1000 MEGOHM MIN
CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 3 MILLIOHM MAX, AFTER ENVIRONMENTAL 4 MILLIOHM MAX
 OUTER CONDUCTOR - INITIAL 2 MILLIOHM MAX AFTER ENVIRONMENTAL NOT APPLICABLE
CORONA LEVEL: 125 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: NOT APPLICABLE (DEPENDANT UPON APPLICATION)
RF LEAKAGE: NOT APPLICABLE
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 335 VRMS MIN AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
MATING TORQUE: 7-10 INCH POUNDS WHEN BODY SUPPORTED WITH WRENCH
 *8 INCH POUNDS MAX UNSUPPORTED
CONTACT RETENTION: 6 LBS MIN AXIAL FORCE ON MATING END
 4 IN-OZ MIN RADIAL TORQUE

DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B, EXCEPT 115 DEG C HIGH TEMP
OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C
CORROSION: MIL-STD-202, METHOD 101, CONDITION B
SHOCK: MIL-STD-202, METHOD 213, CONDITION I
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

DRAWING NO. C - 141-1731-061/070	
0	REVISIONS
ENGINEERING RELEASE	
1	11-10-08 P J M M T 11-11-08 A T B C J U S ECN 51718
VERSION UPDATE	
2	3-27-09 P J M R J 3-37-09 A T B U B C N ECN 51889

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED
PER ASME Y 14.5M - 1994

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY MMC		DATE 11/04/2008		 Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS		mm		CHECKED BY TJS		DATE 11-11-08	
.XX				APPROVED BY RJB		DATE 11-11-08	
.XXX				RELEASE DATE 11-11-08		TITLE JACK ASSEMBLY, SMA THREAD MOUNT, 10 MIL PIN	
MATL				U/M		DRAWING NO. C - 141-1731-061/070	
FINISH				INCH		SCALE 10:1	