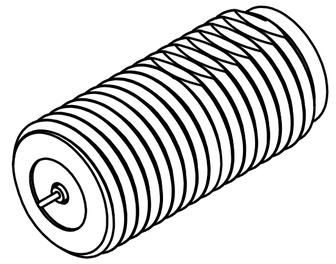
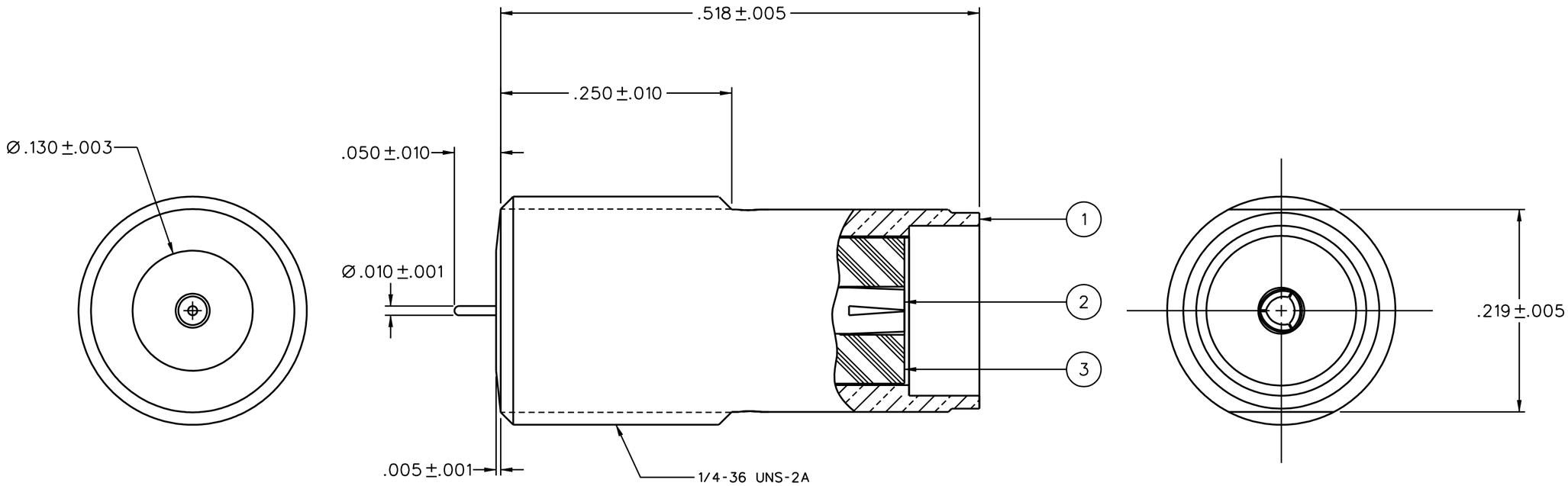
PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
141-1731-062	STAINLESS STEEL PASSIVATED	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON



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	PAT	RJB	MMC	MJU	TJS	11-11-08 ECN 51718
VERSION UPDATE							
2	3-27-09	PAT	RJB	MJU	RB	JCN	3-37-09 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
DECIMALS	mm	CHECKED BY TJS	DATE 11-11-08
.XX ———	———	APPROVED BY RJB	DATE 11-11-08
.XXX ———	———	RELEASE DATE	11-11-08
MATL ———		U/M INCH	SCALE 10:1
FINISH ———			

cinch CONNECTIVITY SOLUTIONS a bel group
P.O. Box 1732
Waseca, MN 56093
1-800-247-8256

TITLE
JACK ASSEMBLY,
SMA THREAD MOUNT,
10 MIL PIN

SHEET 2 OF 2

DRAWING NO.
C – 141-1731-061/070

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Cinch:

108-0913-001 DD2466134 DEUH-9P M24308/4-5F 142-0403-011 415-0030-MM150 415-0043-MM250 415-0536-012 CN1021A14G03P8-040 21-14-M5.0 111-0102-001 131-3701-306 145-0693-002 145-0701-821 30-9506-88 40-98443N-C 415-0203-024 ATT-0263-04-SMA-02 12-141 30-9516 415-0028-048 C0909A18-11PN-106 M49142/03-0005 147-0701-241 147-0701-832 8-141 CN0967C10A20P6-040 135-3402-001 40-9715HM CJ70-7