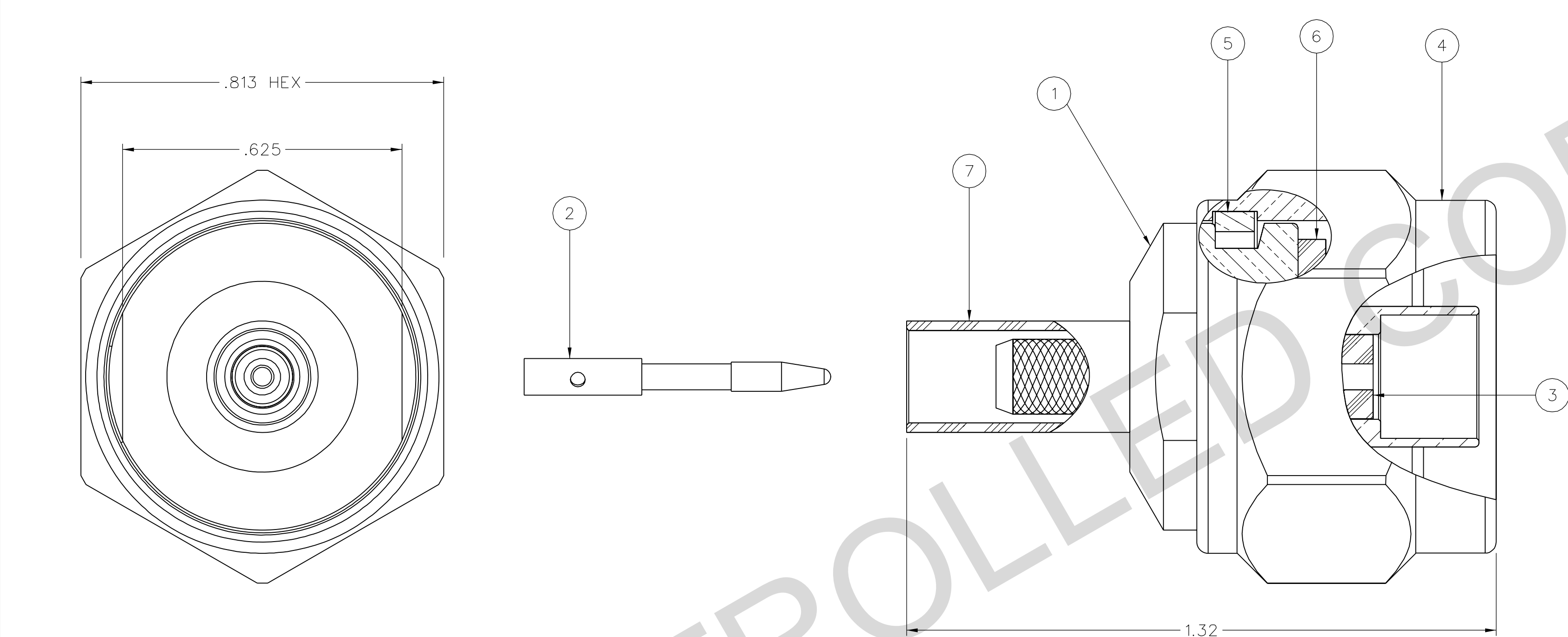


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ COUPLING NUT	ITEM ⑤ RETENTION SPRING	ITEM ⑥ SEAL GASKET	ITEM ⑦ CRIMP SLEEVE
138-4407-006	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER UNPLATED	SILICONE RUBBER	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN
138-4407-007	BRASS TRI-ALLOY PL .0001 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS TRI-ALLOY PL .0001 MIN	BERYLLIUM COPPER UNPLATED	SILICONE RUBBER	COPPER TRI-ALLOY PL .0001 MIN



NOTES:

1. SPECIFICATIONS:

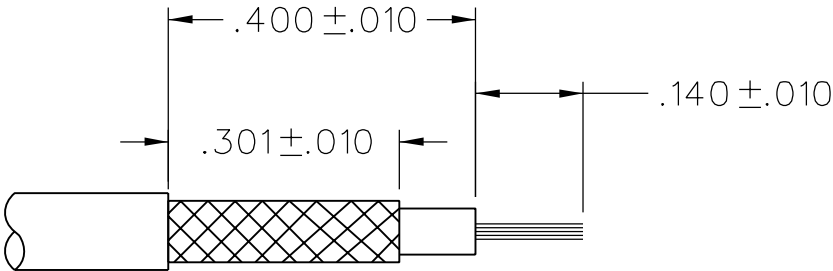
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-11 GHz
VSWR: 1.30 MAX AT 0-11 GHz
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 1.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
 OUTER CONDUCTOR - INITIAL 0.2 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 BODY TO CABLE - 0.05 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: 0.15 dB MAX, TESTED AT 9 GHz
RF LEAKAGE: -90 dB MIN AT 2 TO 3 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS AT 4 AND 7 MHz
THIRD ORDER INTERMODULATION PRODUCT (IMP3): TYPICALLY < -90 dBm
(TESTED PER IEC GUIDELINES WITH 20W CW INPUTS AT 1930-1990 MHz)

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 6 IN-LBS MAX
MATING TORQUE: 7-10 IN-LBS
COUPLING PROOF TORQUE: 15 IN-LBS MIN
COUPLING NUT RETENTION: 100 LBS MIN
CONTACT RETENTION: NOT APPLICABLE
CABLE ACCEPTABILITY: RG 58, RG 141, RG 303
CABLE HEX CRIMP SIZE: .213
CONTACT HEX CRIMP SIZE: .068
CABLE RETENTION: 40 LBS MIN AXIAL FORCE
DURABILITY: 500 CYCLES MIN

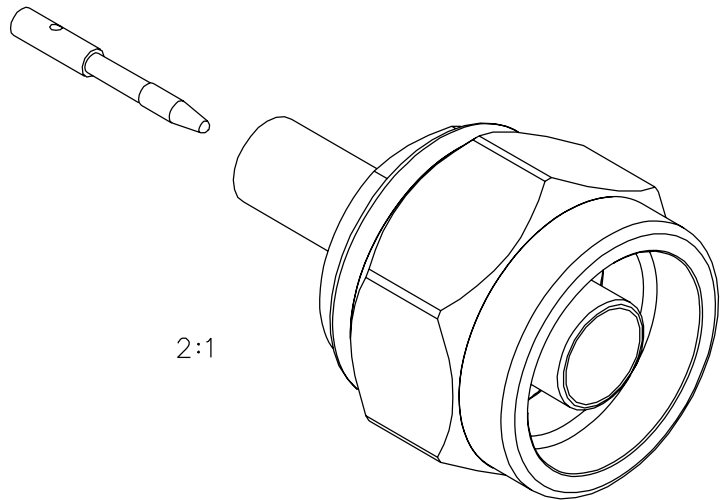
ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B, EXCEPT 85°C HIGH TEMP
OPERATING TEMPERATURE: -65°C TO 165°C
CORROSION: MIL-STD-202, METHOD 101, CONDITION B
SHOCK: MIL-STD-202, METHOD 213, CONDITION I
VIBRATION: MIL-STD-202, METHOD 204, CONDITION B
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106



CABLE STRIP DIMENSIONS

NOT TO SCALE



DRAWING NO. C - 138-4407-001/010	
0	REVISIONS
ENGINEERING RELEASE	
1	11-30-05 P A T J R K P D W M J U 4-7-06 ECN 50011

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY PAT	DATE 11-11-05	Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS	mm	CHECKED BY PDW	DATE 4-6-06		
.XX REF	_____	APPROVED BY JRK	DATE 4-6-06	TITLE STRAIGHT CRIMP PLUG, TYPE N CONNECTOR, RG58 FLEXIBLE CABLED	
.XXX REF	_____	RELEASE DATE	4-7-06	SHEET 2 OF 2	DRAWING NO. C - 138-4407-001/010
MATL _____		U/M	INCH	SCALE	5:1
FINISH _____					