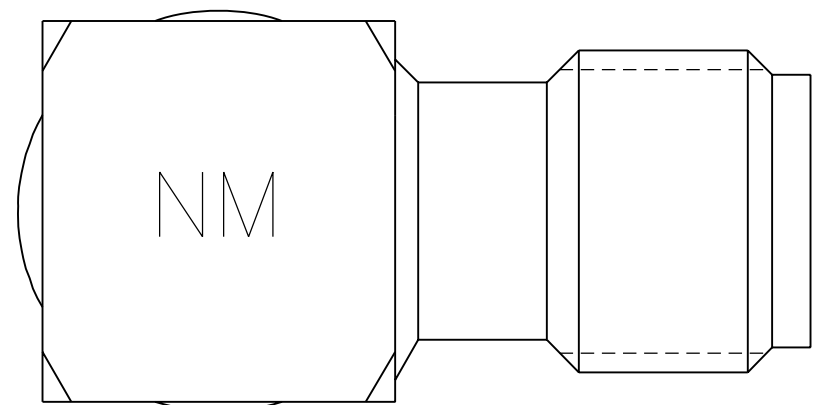
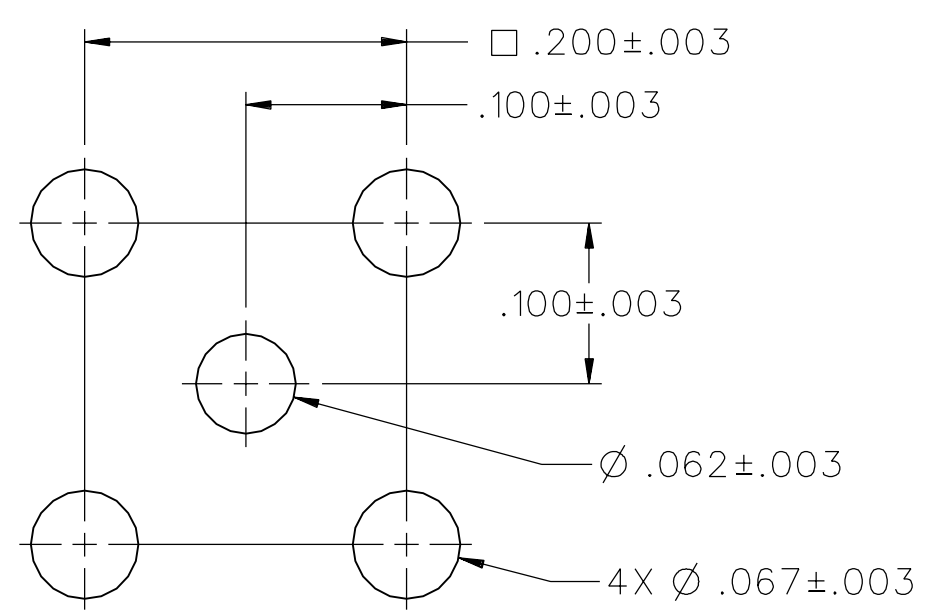


PART NUMBER	ITEM ① BODY	ITEM ② BASE	ITEM ③ CONTACT (ONE PIECE)	ITEM ④ TOP INSULATOR	ITEM ⑤ BOTTOM INSULATOR
142-9701-301	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON
142-9701-304	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON

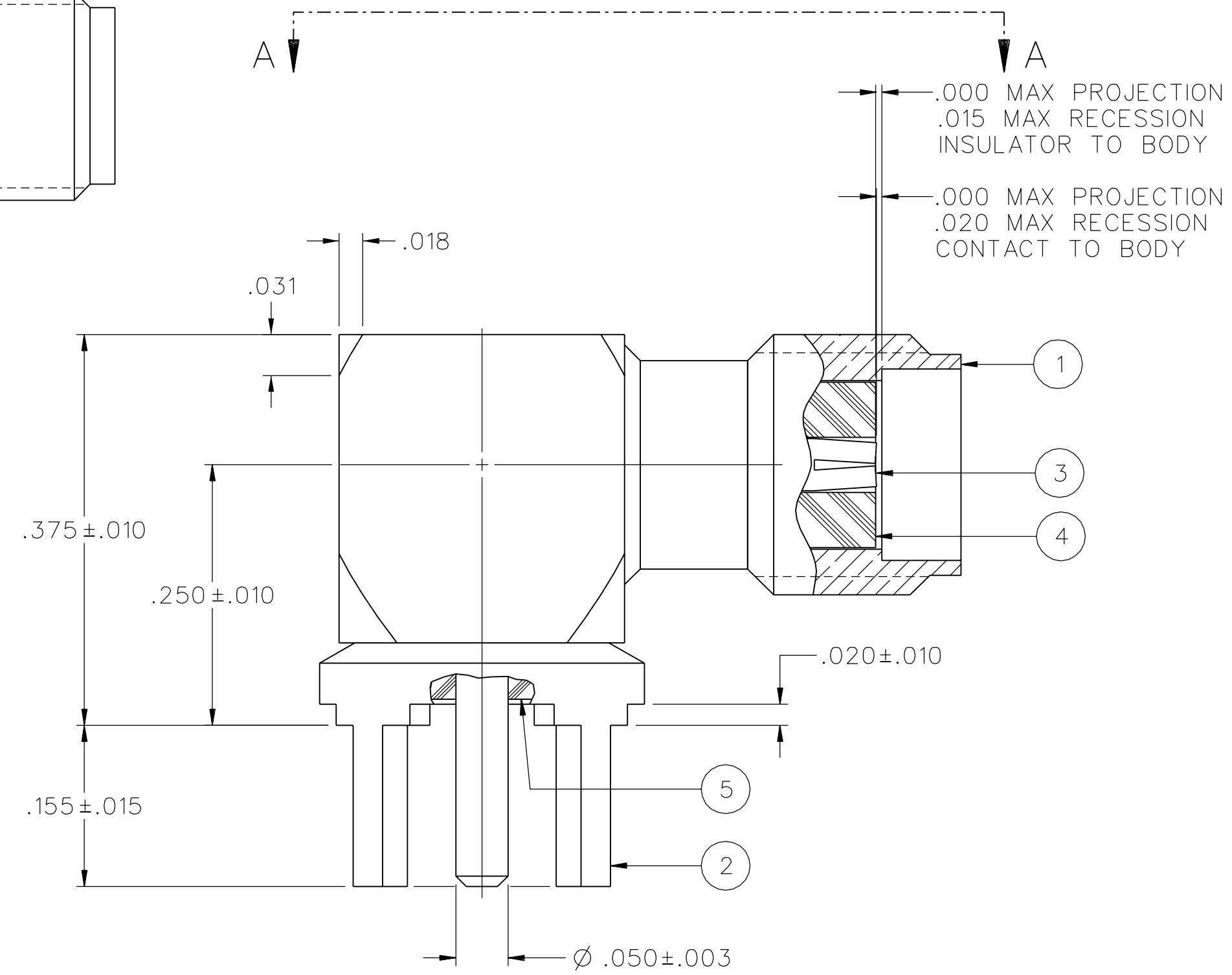
DRAWING NO. C - 142-9701-301/310	
0	REVISIONS
ENGINEERING RELEASE	
1	7-8-03 R H T R J B ECN 48838
CHANGED MATERIAL FROM COPPER TO COPPER ALLOY	
2	10-19-06 P A T J D S A K ECN 50708



VIEW A-A
8:1

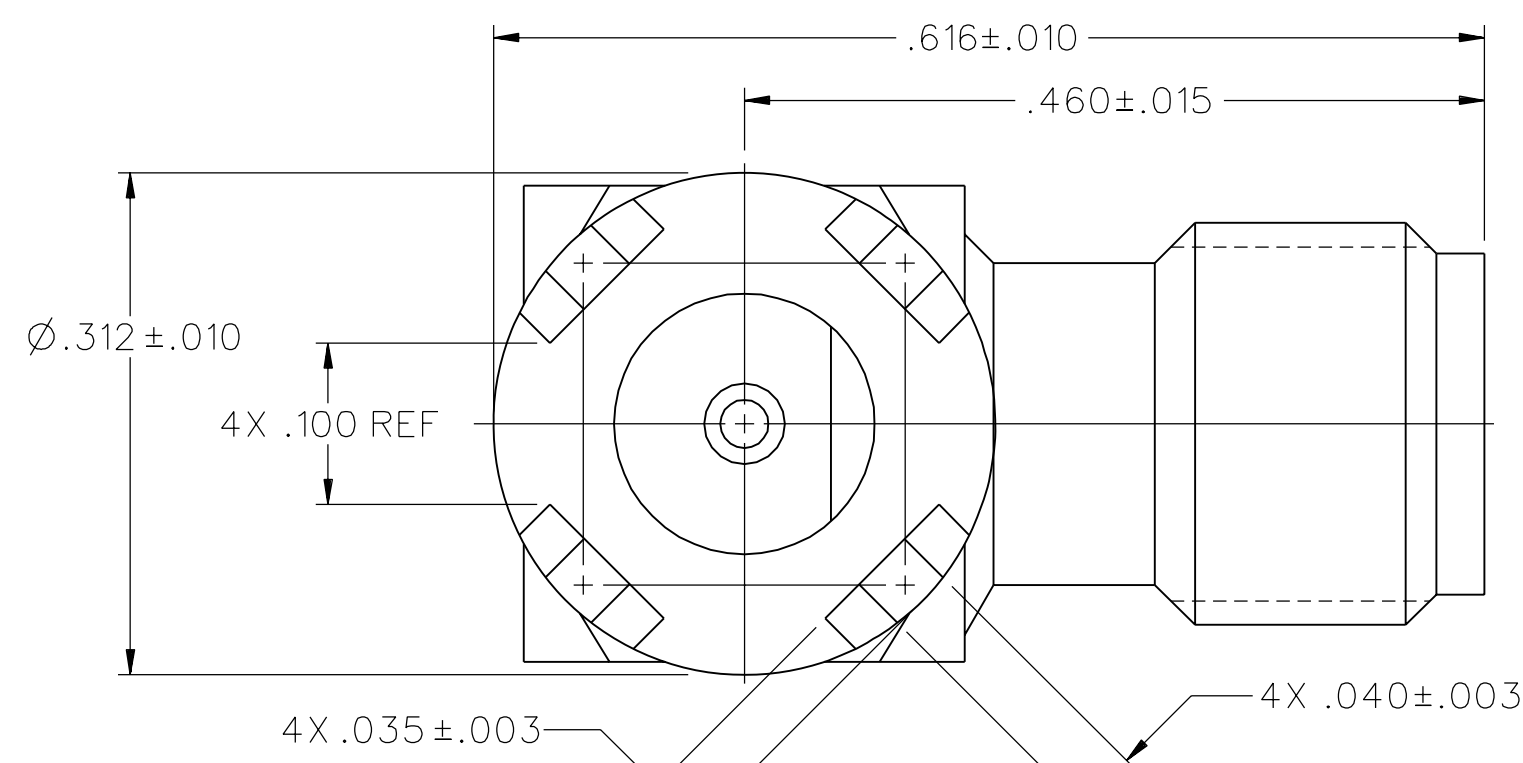


MOUNTING HOLE LAYOUT



.000 MAX PROJECTION
.015 MAX RECESSION
INSULATOR TO BODY

.000 MAX PROJECTION
.020 MAX RECESSION
CONTACT TO BODY



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-18 GHZ
 VSWR: NOT APPLICABLE
 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 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0 MILLIOHM MAX
 OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 BRAID TO BODY - NOT APPLICABLE
 CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: NOT APPLICABLE
 RF LEAKAGE: NOT APPLICABLE
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS AT 4 AND 7 MHZ MIN

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
 MATING TORQUE: 7-10 INCH POUNDS
 COUPLING PROOF TORQUE: 15 INCH-POUNDS MIN
 COUPLING NUT RETENTION: NOT APPLICABLE
 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
 CABLE ACCEPTABILITY: NOT APPLICABLE
 CABLE HEX CRIMP SIZE: NOT APPLICABLE
 CABLE RETENTION: NOT APPLICABLE
 DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
 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

2. CONNECTOR MARKED "NM" FOR NON-MAGNETIC.

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY RSH	DATE 1-8-03
DECIMALS	mm	CHECKED BY	DATE
.XX	_____	APPROVED BY TAK	DATE 7-8-03
.XXX	_____	RELEASE DATE	7-8-03
MATL	_____	U/M	INCH
FINISH	_____	SCALE	10:1

cinch Connectivity Solutions
 a bel group

Cinch Connectivity Solutions
 P.O. Box 1732
 Waseca, MN 56093
 1-800-247-8256

TITLE
 JACK ASSEMBLY,
 RA PC MOUNT
 NON-MAGNETIC SMA

SHEET 2 OF 2
 DRAWING NO.
 C - 142-9701-301/310

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL