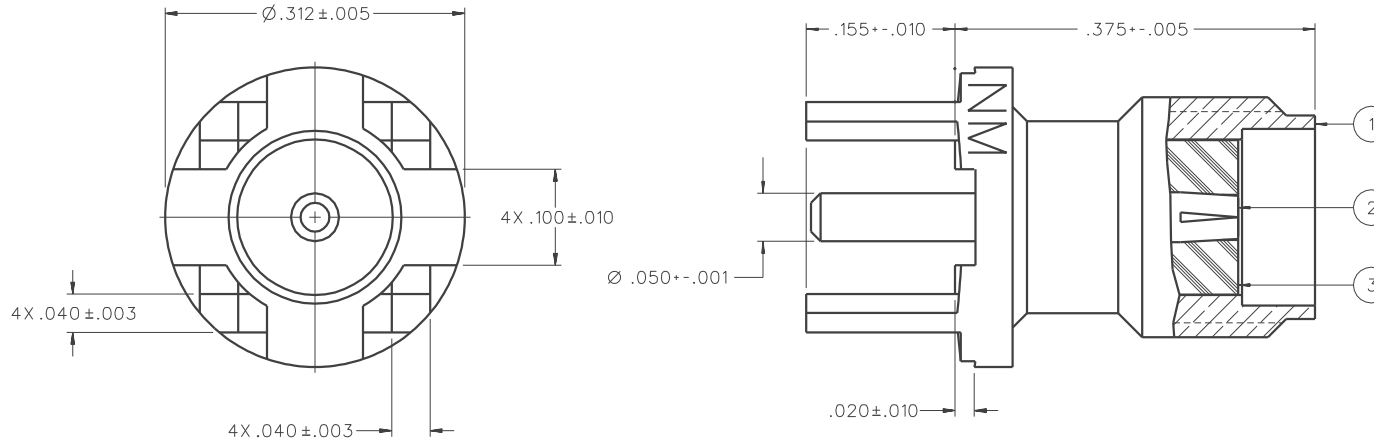


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
142-9701-201	COPPER GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
142-9701-204	COPPER SILVER PL .00005 MIN OVER COPPER PL .000075 MIN	BERYLLIUM COPPER SILVER PL .00005 MIN OVER COPPER PL .000075 MIN	TEFLON

DRAWING NO. C - 142-9701-201/210			
0	REVISIONS		
ENGINEERING RELEASE			
1	12-27-02	RJB	ECN 48672



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 MIN AT 4 AND 7 MHz

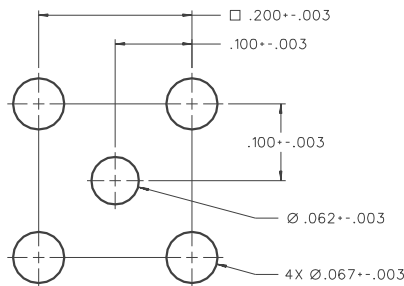
MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX  
 MATING TORQUE: 7-10 INCH POUNDS  
 COUPLING PROOF TORQUE: NOT APPLICABLE  
 COUPLING NUT RETENTION: NOT APPLICABLE  
 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE  
                                   4 IN-OZ MIN RADIAL TORQUE  
 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-C-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  
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

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



MOUNTING HOLE LAYOUT


8:1

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED  
PER ANSI Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY RJB	DATE 12-5-02	 299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS	CHECKED BY	DATE	TITLE	
.XX			JACK ASSEMBLY, STRAIGHT PC MOUNT NON-MAGNETIC SMA	
.XXX	APPROVED BY RJB	DATE 12-27-02	CODE NO.	DRAWING NO.
MATL	APPROVED BY	DATE		C - 142-9701-201/210
FINISH	RELEASE DATE		SCALE 10:1	U/M INCH SHEET 2 OF 2