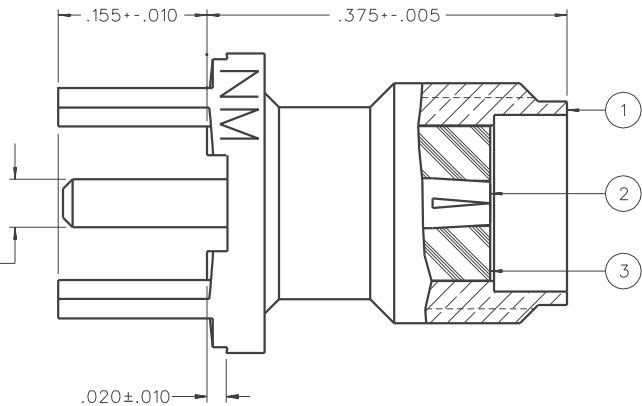
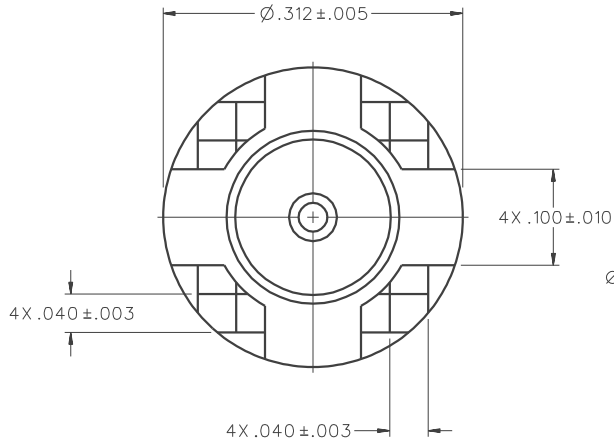


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
142-9701-201	COPPER GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
142-9701-204	COPPER SILVER PL .00005 MIN OVER COPPER PL .000075 MIN	BERYLLIUM COPPER SILVER PL .00005 MIN OVER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



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

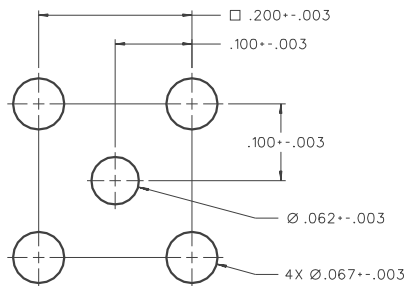
MECHANICAL:

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

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

CUSTOMER DRAWING

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

"μ STATION"

COMPANY CONFIDENTIAL

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