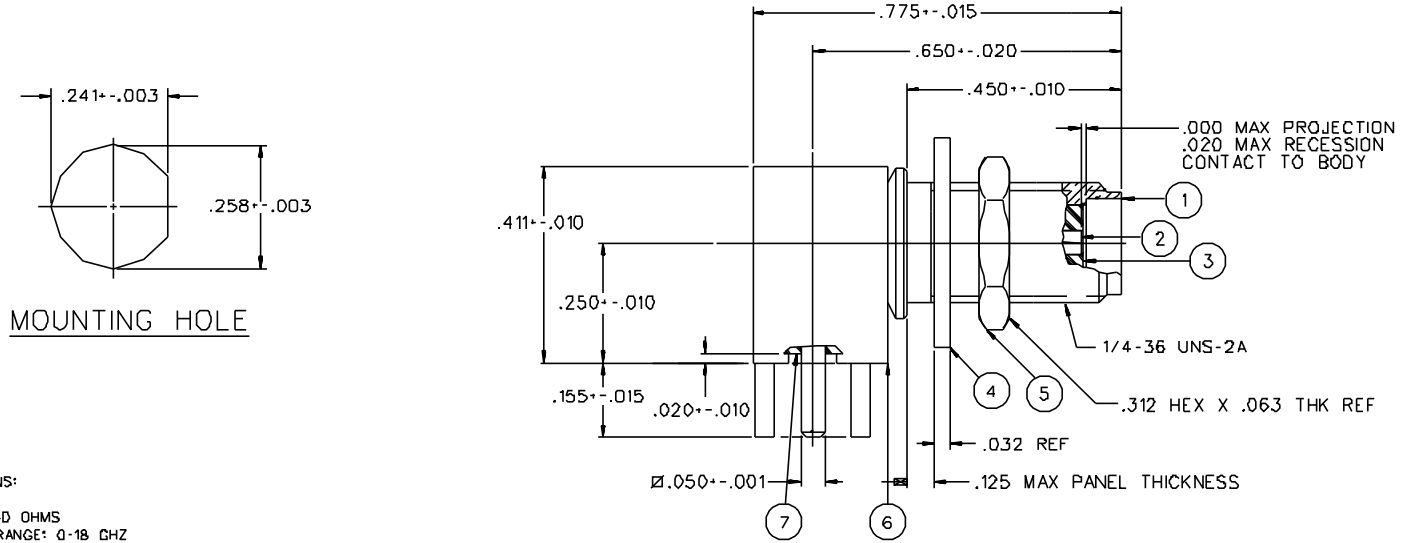
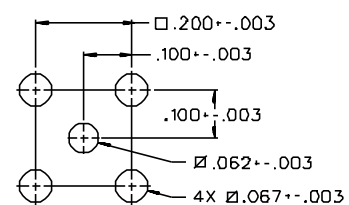
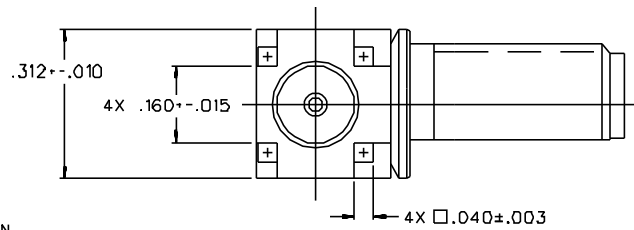


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT (ONE PIECE)	ITEM ③ INSULATOR	ITEM ④ WASHER	ITEM ⑤ NUT	ITEM ⑥ BASE	ITEM ⑦ INSULATOR
142-0701-501	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON
142-0701-502	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	_____	_____	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON
142-0701-506	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON

DRAWING NO. C - 142-0701-501/510	
0 REVISIONS	
WAS P/N 030-3362-579 ENGINEERING RELEASE	
01	03-15-89 [E][R][A][W] 04-12-89 ECO 23895
VERSION UPDATE.	
02	09-14-89 [E][R][A][W] 09-19-89 ECO 24146
VERSION UPDATE.	
03	09-14-89 [E][R][A][W] 10-25-89 ECO 24177
VERSION UPDATE.	
4	9-6-91 [R][H][I][B] 10-11-91 ECO 40551
CHANGED: .775+-.015 WAS .837+-.015 .312+-.010 WAS DIA .375+-.010 4X .040+-.003 WAS 4X .040+-.003 RF HIGH POT 4 AND 7 MHZ WAS 5 MHZ	
5	9-29-92 [R][H][I][B] 10-6-92 ECO 41206
CHANGED: .411+-.010 WAS .406+-.010	
6	9-14-94 [R][H][I][B] 9-27-94 ECN 46271
ADDED: P/N 142-0701-502	
* REVISION NUMBER FOLLOWED BY AN ALPHA *	
* CHARACTER INDICATOR DRAWING CLARIFY *	
* CAUTION ON PART NUMBER ADDITION ONLY. *	
6a	2-17-97 [R][H][I][B] ECN 44649



MOUNTING HOLE



MOUNTING HOLE LAYOUT

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: NOT APPLICABLE
 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-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

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY B. G. [Signature]	DATE 3-1-89	299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS .XX	CHECKED BY RJB	DATE 3-15-89	TITLE JACK ASSEMBLY, RA PC MOUNT BULKHEAD SMA	
.XXX	APPROVED BY	DATE	CODE NO.	DRAWING NO. C - 142-0701-501 510
MATL	APPROVED BY	DATE	SCALE	SHEET 2 OF 2
FINISH	RELEASE DATE	10-25-89	5:1	U/M INCH