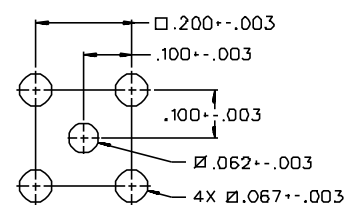
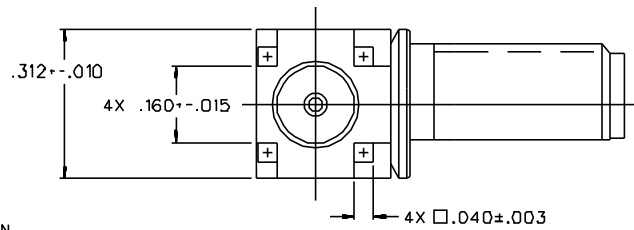
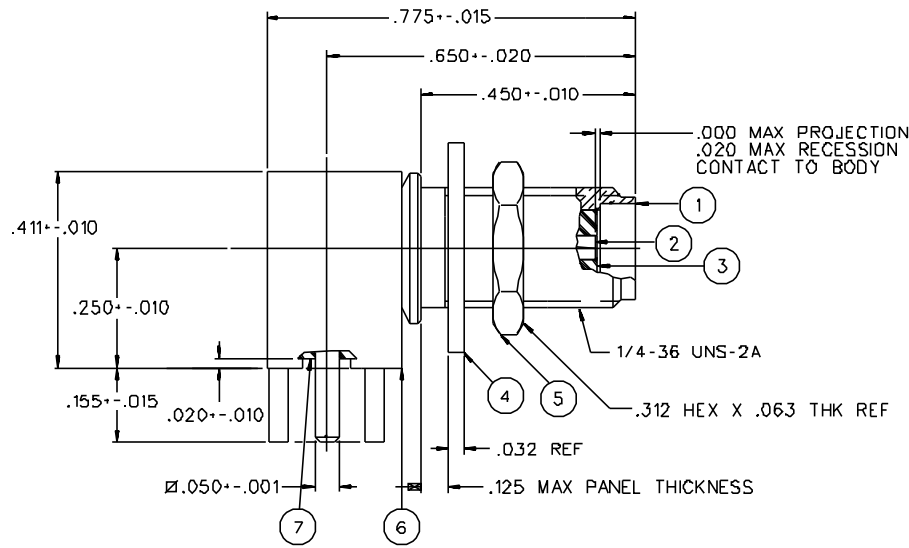
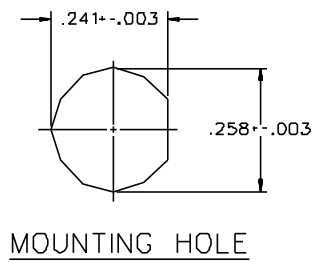


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT (ONE PIECE)	ITEM ③ INSULATOR	ITEM ④ WASHER	ITEM ⑤ NUT	ITEM ⑥ BASE	ITEM ⑦ INSULATOR
142-0701-501	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	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][K][A][W] 04-12-89 ECO 23895
VERSION UPDATE.	
02	09-14-89 [E][K][A][W] 09-19-89 ECO 24146
VERSION UPDATE.	
03	09-14-89 [E][K][A][W] 10-25-89 ECO 24177
VERSION UPDATE.	
4	9-6-91 [R][H][B][A][W] 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][B][A][W] 10-6-92 ECO 41206
CHANGED: .411+-.010 WAS .406+-.010	
6	9-14-94 [R][H][B][A][W] 9-27-94 ECN 46271
ADDED: P/N 142-0701-502	
* REVISION NUMBER FOLLOWED BY AN ALPHA *	
* CHARACTER INDICATES DRAWING CLARIFY *	
* CATION OR PART NUMBER ADDITION ONLY. *	
6a	2-17-97 [R][H][B][A][W] ECN 44649



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

MOUNTING HOLE LAYOUT

CUSTOMER DRAWING

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

"µSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY <b>Beaney</b>	DATE 3-1-89		
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