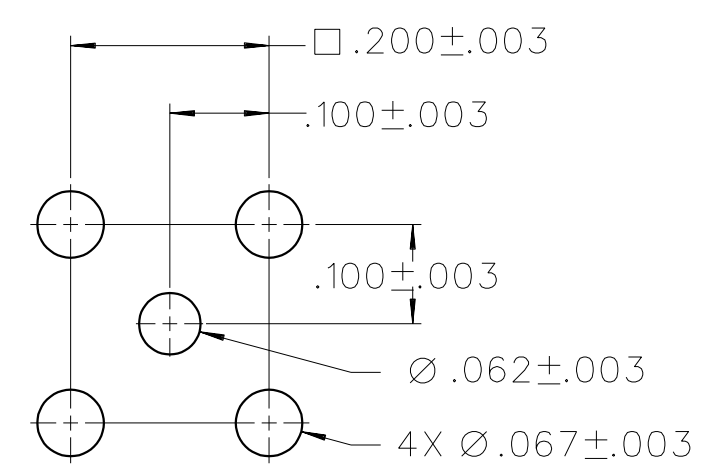
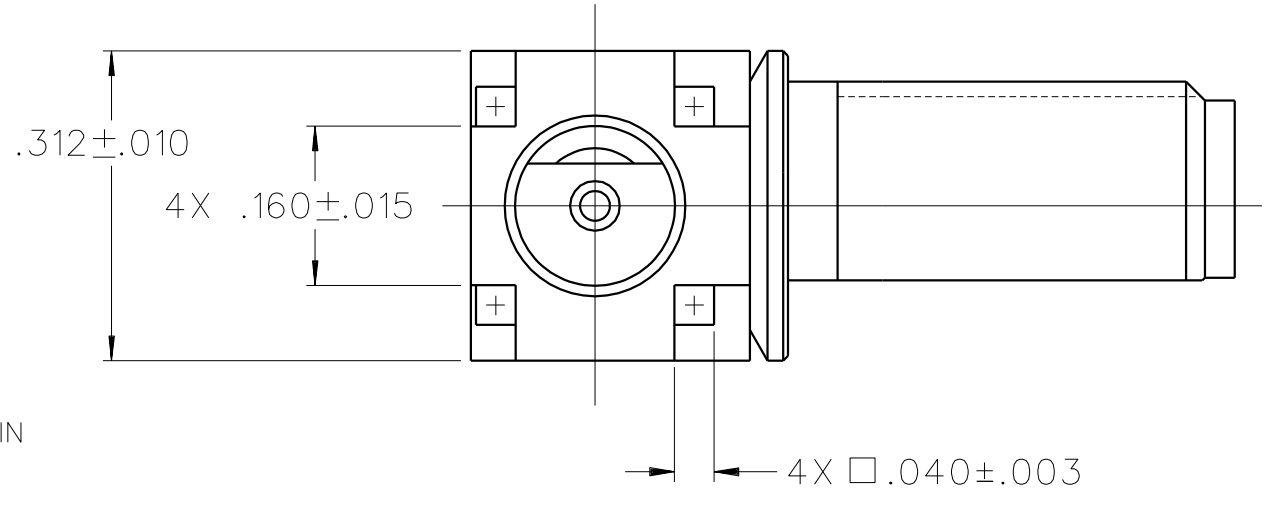
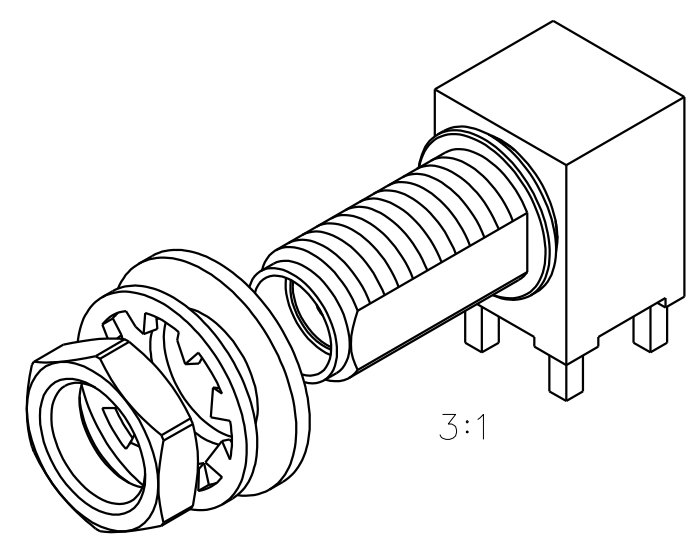
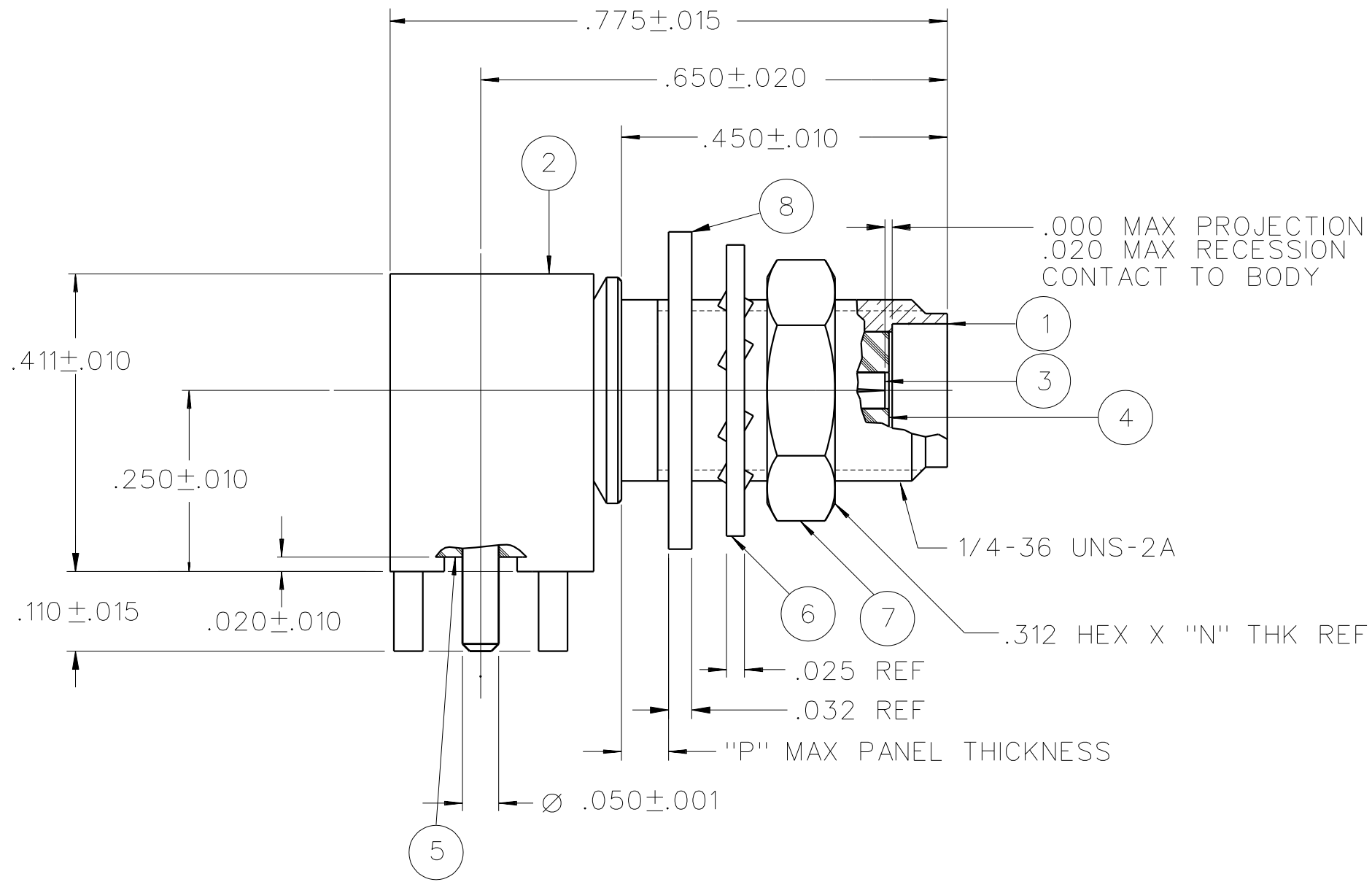
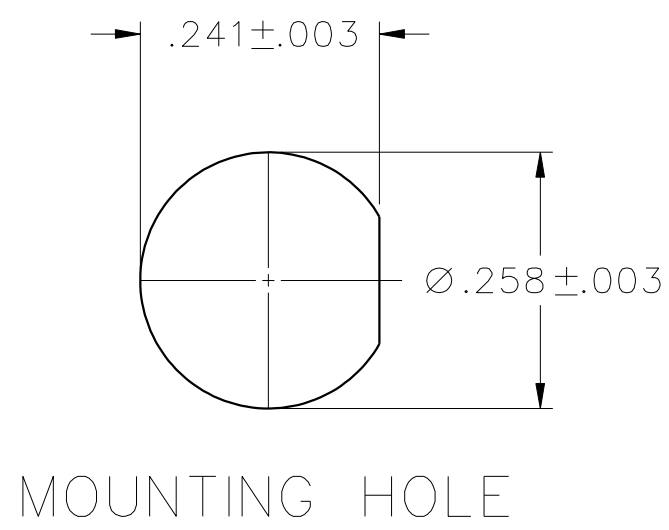


DRAWING NO.  
C - 142-0701-551/560

0 REVISIONS					
ENGINEERING RELEASE					
1	6-9-97	R	H	R	6-13-97
		J	B	A	ECN 44766
CHANGED: ITEM 4 BRONZE LOCK-WASHER WAS BRASS WASHER, .109 WAS .125, .025 WAS .032, .094 WAS .063					
2	9-11-03	R	H	R	ECN 47946
		J	B	A	
ADDED: 142-0701-552 AND ITEM 8 TABULATED "N" AND "P" DIMENSIONS					
* REVISION NUMBER FOLLOWED BY AN ALPHA *					
* CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY. *					
*****					
2a	6-22-11	C	W	B	6-22-11
		F	R	M	ECO 53418
		J	B	U	
ADDED: 142-0701-553					
3	1-17-14	C	W	B	1-17-14
		F	R	M	ECO 54858
		J	B	U	

PART NUMBER	ITEM ① BODY	ITEM ② BASE	ITEM ③ CONTACT (ONE PIECE)	ITEM ④ BODY INSULATOR	ITEM ⑤ BASE INSULATOR	ITEM ⑥ LOCK WASHER	ITEM ⑦ NUT	ITEM ⑧ FLAT WASHER	"N"	"P"
142-0701-551	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	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON	BRONZE 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		.094	.109
142-0701-552	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	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON				.063	.125
142-0701-553	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	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON	BRONZE 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		.063	.125
142-0701-556	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON	BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN		.094	.109



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-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  
MOISTURE RESISTANCE: MIL STD 202, METHOD 106

CUSTOMER DRAWING

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

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY	DATE	
DECIMALS mm	RJB	5-12-97	
.XX	CHECKED BY	DATE	TITLE
.XXX ± 0.03			JACK ASSEMBLY, RA PC MOUNT BULKHEAD, SMA
MATL	APPROVED BY	DATE	SHEET
	RJB	6-9-97	2 OF 2
FINISH	RELEASE DATE	6-13-97	DRAWING NO.
	U/M INCH	SCALE 5:1	C - 142-0701-551/560