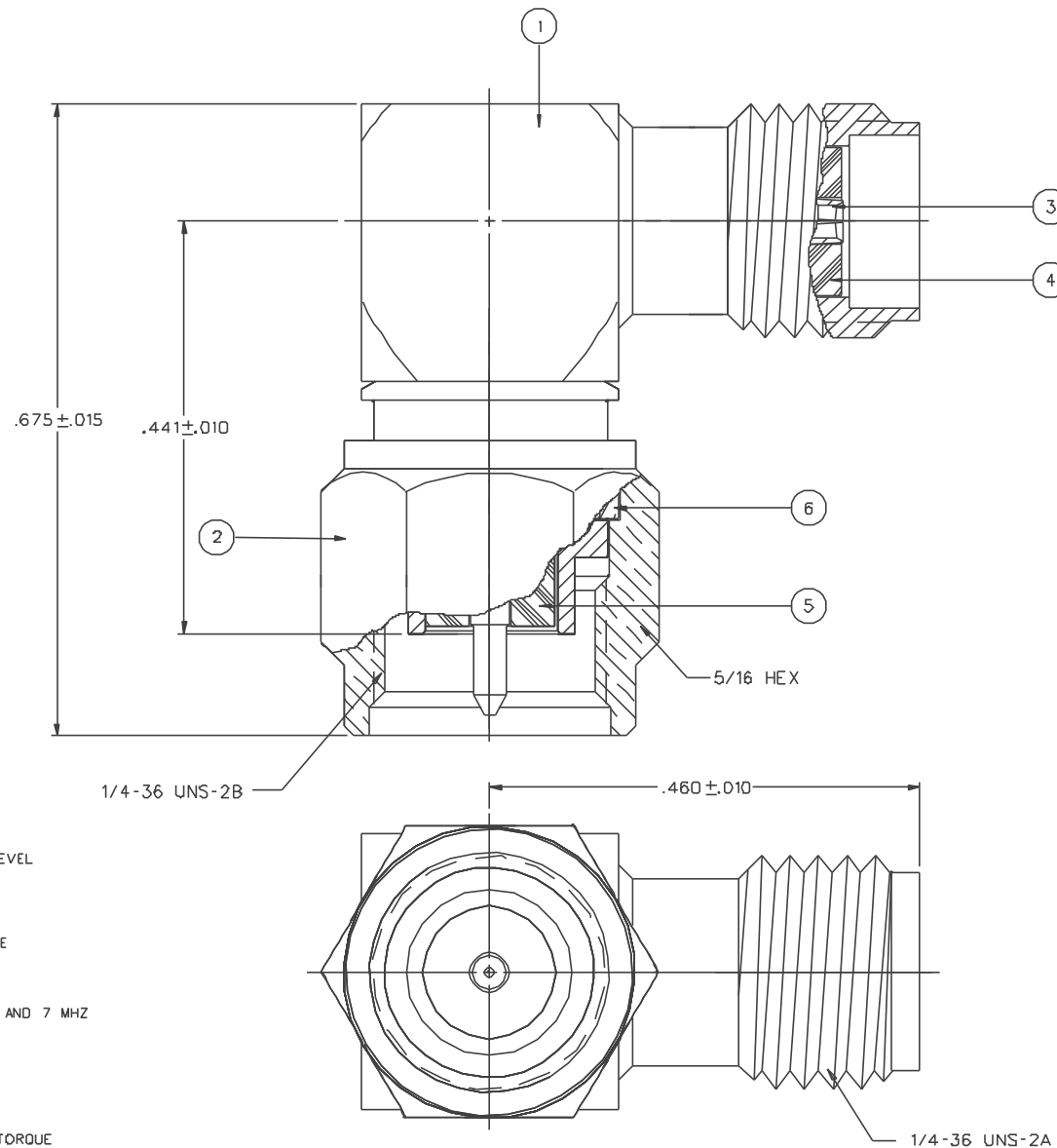


PART NUMBER	ITEM ① BODY SUBASSEMBLY	ITEM ② NUT	ITEM ③ CONTACT - ONE PIECE	ITEM ④ JACK INSULATOR TEFLON	ITEM ⑤ PLUG INSULATOR TEFLON	ITEM ⑥ RETENTION SPRING BERYLLIUM COPPER UNPLATED
142-0901-941	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN			

DRAWING NO. C - 142-0901-941/950	
0	REVISIONS
ENGINEERING RELEASE	
1	9-10-98 R H K T R ECN 45754



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-18 GHZ
 VSWR: 1.035+.02F (F IN GHZ)
 WORKING VOLTAGE: 500 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 5000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 4.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 6.0 MILLIOHM MAX
 OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 BRAID TO BODY - NOT APPLICABLE
 CORONA LEVEL: 375 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: .208 F (F IN GHZ) AT 6 GHZ
 RF LEAKAGE: -90 DB MIN AT 2 TO 3 GHZ
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 1000 VRMS AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
 MATING TORQUE: 7-10 INCH POUNDS
 COUPLING PROOF TORQUE: 15 IN-LB MIN
 COUPLING NUT RETENTION: 60 LBS MIN
 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

CUSTOMER DRAWING

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

"μ-STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY KAS	DATE 12/22/97	 299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	TITLE ASSEMBLY ADAPTER RA IN SERIES SMA JACK-PLUG
	CHECKED BY KAS	DATE 9-11-98		
DECIMALS .XX			CODE NO.	DRAWING NO. C - 142-0901-941/950
XXX+-.003				
MATL	APPROVED BY TAK	DATE 9-17-98	SCALE 10:1	SHEET 2 OF 2
FINISH	APPROVED BY RJB	DATE 9-24-98		
	RELEASE DATE		U/M INCH	