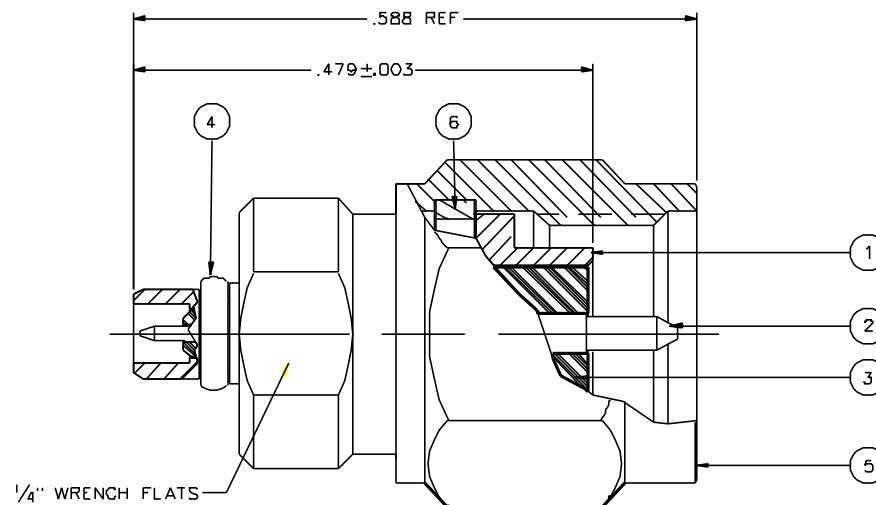


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ MMCX C' SPRING	ITEM ⑤ COUPLING NUT	ITEM ⑥ COUPLING NUT SPRING
134-1019-161	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER 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 UNPLATED

DRAWING NO.									
C - 134-1019-161/170									
0		REVISIONS							
ENGINEERING RELEASE									
1	9-28-98	R	H						ECN 45758



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-6 GHz
VSWR: 1.05:1 D5F MAX (F IN GHz)
WORKING VOLTAGE: 170 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 1000 MEGOHM MIN
CONTACT RESISTANCE: - INITIAL 5 MILLIOHM MAX, AFTER
CENTER CONTACT ENVIRONMENTAL 8 MILLIOHM MAX
OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER
ENVIRONMENTAL 1.5 MILLIOHM MAX

BRAD TO BODY - NOT APPLICABLE
CORONA LEVEL: 190 VOLTS MINIMUM AT 70,000 FEET
INSERTION LOSS: -1dB MAX AT 1 GHz
RF LEAKAGE: -60 dB AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 400 VRMS AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE FORCE (MMCX): 8.0 LBS MAX ENGAGEMENT
1.4 LBS TYPICAL DISENGAGEMENT
ENGAGE/DISENGAGE TORQUE (SMA): 2 IN LBS MAX
MATING TORQUE (SMA): 7-10 IN LBS MAX
CONTACT RETENTION FORCE: 6 LBS MIN
CONTACT RETENTION TORQUE: NOT APPLICABLE
CURLING NUT RETENTION (SMA): 60 LBS MIN
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 C
OPERATING TEMPERATURE: -55 DEG C TO 155 DEG C
CORROSION: MIL-STD-202, METHOD 101, CONDITION B
SHOCK: MIL-STD-202, METHOD 213, CONDITION B
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
MOISTURE: 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 T.A.KARI		DATE 4-14-98		 289 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS .XX	mm	CHECKED BY	DATE	TITLE SMA PLUG TO MMX PLUG ADAPTER ASSEMBLY, BETWEEN SERIES			
.XXX REF		APPROVED BY TAK	DATE 10-6-98				
MATL		APPROVED BY RJB	DATE 10-7-98				
FINISH		RELEASE DATE		CODE NO.	DRAWING NO. C- 134-1019-161/170		
				SCALE 10:1	U/N INCH SHEET 2 OF 2		