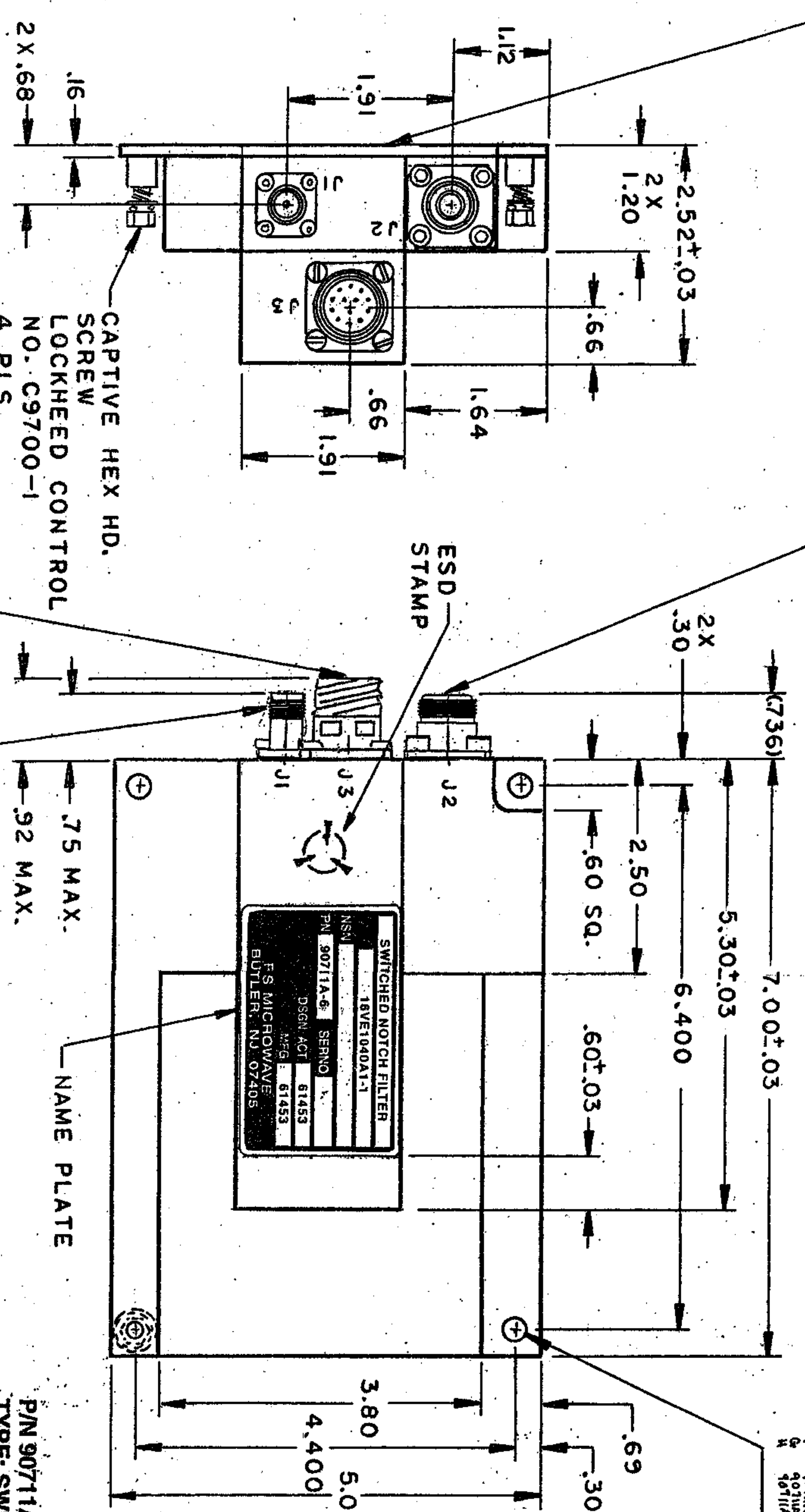


THIS ENTIRE SURFACE TO BE PREPARED FOR ELECTRICAL BONDING PER MIL-B-5087B CLASS R

TYPE N FEMALE CONNECTOR IAW MIL-C-39012



- NOTES:
1. FINISH: GRAY EPOXY PAINT IAW MIL-C-222750, COLOR 36231 PER FED-STD-595, OVER EPOXY PRIMER PER MIL-P-23377, OVER MICROWAVE SILVER PLATE OVER COPPER OVER ELECTROLESS NICKEL IAW RSM QAP-3, SHT. 5 OF 6.
 2. ENTIRE BOTTOM SURFACE TO BE IRIDITE 1A-2 TO PROVIDE ELECTRICAL BONDING IAW MIL-B-5087B, CLASS R AND TO BE COMPATIBLE WITH ALUMINUM.
 3. WEIGHT: 4.5 LBS MAX.
 4. BREAK ALL SHARP EDGES

PIN	FUNCTION
1	SPARE
2	SPARE
3	COMMAND (+)
4	COMMAND (-)
5	STATUS OUTPUT
6	INTERLOCK
7	28 VOLT RETURN
8	+28 VOLT INPUT
9	SPARE
10	SPARE
11	SPARE
12	SPARE
13	GROUND

TYPE: SWITCHED DUAL NOTCH FILTER
 P/N 90711A-6
 MINIMUM PASSBANDS: 962-1012, 1048-1070, 1108-1215 MHz
 MAXIMUM -3 dBc STOPBAND POINTS: 1012, 1048, 1070, 1108 MHz
 AVERAGE PASSBAND LOSS: 1.5 dB MAX. TACAN (BYPASS)
 AVERAGE PASSBAND LOSS: 3.0 dB MAX. TDMA (FILTER)
 MAXIMUM PASSBAND VSWR: 2.2:1 (1.5 TYP.)
 AVERAGE PASSBAND GROUP DELAY: 2.2 NS MAXIMUM
 STOPBANDS: 1023-1037, 1083-1097
 MINIMUM STOPBAND REJECTION: -46 dBc, 1023-1037
 -43 dBc, 1083-1097
 MINIMUM TDMA POWER HANDLING: 250 W PEAK, 50 W AV.
 MINIMUM TACAN POWER HANDLING: 400 W PEAK, 4 W AV.
 TEMPERATURE: AT LEAST -30 C TO +85 C
 ALTITUDE: TO 80,000 (GOOD FOR AT LEAST 30 MINUTES)
 UNIT HAS LIGHTNING PROTECTION ON INPUT END
 OPERATING VOLTAGE: +28 V, +5, -7% (100 mA)
 SWITCHING SPEED: 1 MICROSEC. MAX.
 INPUT SWITCHING RISE/FALL TIME: 600 NS MAX.
 FILTER STATUS OUTPUT: OPEN/GROUND DISCRETE
 (NORMAL INDICATION: GROUND; FAILURE: OPEN)
 SWITCH CONTROL VOLTAGE: DIFFERENTIAL
 +2 TO +6V
 -2 TO -6V

ZONE	LTR	ECN NO.	DESCRIPTION	DATE	APPROVED
A		10711A-6-001	SEE ECN FINISH	3-14-00	H42
B		10711A-6-002	SEE ECN	6-15-00	H43
C		10711A-6-003	SEE ECN	6-29-00	H43
D		10711A-6-004	SEE ECN	8-22-00	H43
E		10711A-6-005	SEE ECN	6-28-01	H43
F		10711A-6-006	SEE ECN	12-17-01	H43
G		10711A-6-007	SEE ECN	2-1-02	H43
H		10711A-6-008	SEE ECN	2-1-02	H43

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. FRACTIONS - 1/16 DECIMALS - 0.01 ANGLES - 0.015 SURFACE FINISH - 32 CONCENTRICITY - 0.04 TIR	DRAWN N8 8-22-97	SIGNED N8 8-22-97	DATE 8-22-97
PROVISIONAL DOCUMENT THIS DRAWING AND/OR INFORMATION IS SUBJECT MATTER CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE BY THE MICROWAVE COMPANY, INC.	CHECKED N8 8-22-97	DESIGNED N8 8-22-97	DATE 8-22-97
THE DRAWING AND/OR INFORMATION IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE BY THE MICROWAVE COMPANY, INC.	QA APP'D N8 8-22-97	ENGINEER N8 8-22-97	DATE 8-22-97
TITLE SWITCHED NOTCH FILTER	SIZE C	CODE IDENT. NO. 61453	DWG. NO. 90711A-6
SCALE 3/4	SHEET 1	REV. H	

RS MICROWAVE COMPANY, INC.
 22 PARK PLACE, P.O. BOX 575
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