

WARNING
 THE LITHIUM BATTERY, P/N 930018-00 CONTAINS
 FLAMMABLE ORGANIC MATERIALS. INCORRECT HANDLING
 MAY CAUSE EXPLOSION.
DO NOT:
 SHORT BATTERY LEADS TOGETHER IN ANY FASHION.
 EXPOSE TO EXTREME HEAT FOR MORE THAN 5-10 SECONDS
 IMMERSIVE IN WATER OR ANY CLEANING SOLUTION - (DEGREASER)
 MAKE A MISTAKE IN POLARITY (+)(-)
 DROP OR STRIKE BATTERY.

⚠ USE CAUTION AND READ WARNING!

- 7. MAXIMUM COMPONENT HEIGHT = 0.25 IN.
- 8. AFTER SOLDERING, NO COMPONENT LEAD SHALL EXTEND BEYOND 0.03 IN.

- ⚠ IDENTIFY WITH LATEST REVISION.
- 1. ALL DIODES ARE 1N4148/1N4148
 - 2. COIL VALUES ARE SPECIFIED IN MICROHENRIES.
 - 3. CAPACITOR VALUES ARE SPECIFIED IN MICROFARADS WHEN REPRESENTED BY WHOLE NUMBERS, AND BY MICROFARADS WHEN REPRESENTED BY DECIMALS.
 - 4. RESISTOR VALUES ARE SPECIFIED IN OHMS AND ARE 1/4W, ± 5%.

NOTE, UNLESS OTHERWISE SPECIFIED

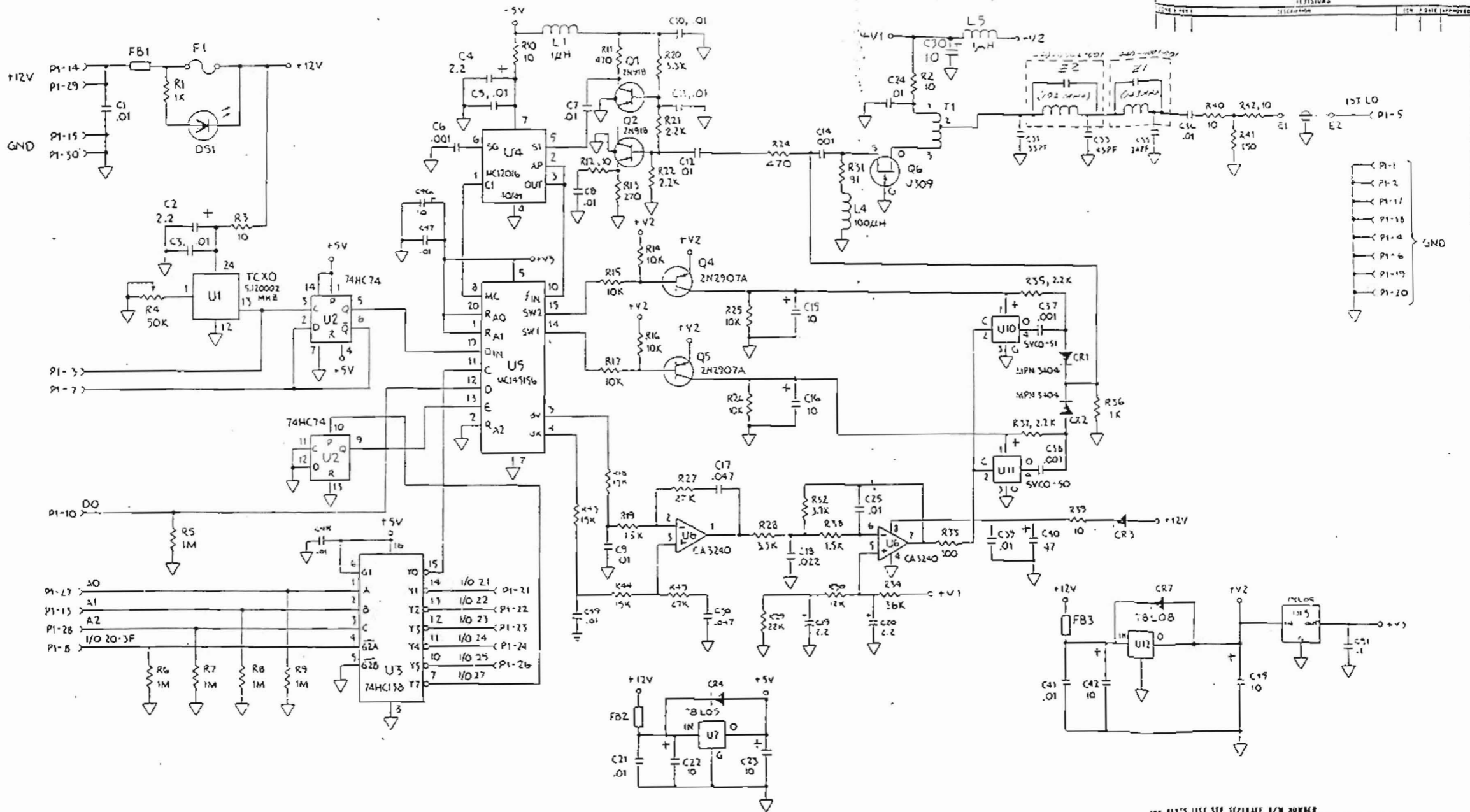
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UNLESS OTHERWISE SPECIFIED		CONTRACT NUMBER	
DIMENSIONS ARE IN INCHES		TERRACOM	
TOLERANCES		DRAWN BY: TDO/MACRE	
LINEAR	ANGULAR	CHECK BY: J. ...	DESIGNER: ...
XX ± .03	± 0° 30'	MECH ENG: ...	ELECT ENG: ...
XXX ± .010		PROJECT: ...	RELEASE: ...
ALL MACHINED SURFACES		DESIGN ACTIVITY APPROVAL	
FINISH		DESIGN APPROVAL	

7					
6					
5					
4					
3					
2					
1					
SMT	DRAWING	SIZE	QTY REQD	USED OK	MEXY ASSY

ASSEMBLY DRAWING - PROCESSOR BOARD AI	
SHEET	3 OF 2
SCALE	4/1

994501-00



- 3. DIODES, CR3 THRU CR8, ARE 1N4148.
 - 2. CAPACITOR VALUES ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
 - 1. RESISTORS ARE 1/8W, 5%, VALUES IN OHMS; UNLESS OTHERWISE SPECIFIED.
- NOTE: UNLESS OTHERWISE SPECIFIED

C	R	CR	F	U	Q	L	D	S	T	F	B	F	P	E	Z
5	1	4	7	3	1	5	6	5	1	1	3	1	1	2	2

REFERENCE DESIGNATIONS NOT USED: C13, Q3, U9, U8, CR5, CR6, CR8, C26, C27, C28, C29, C43, C44, R23, C32, C34, L2, L3

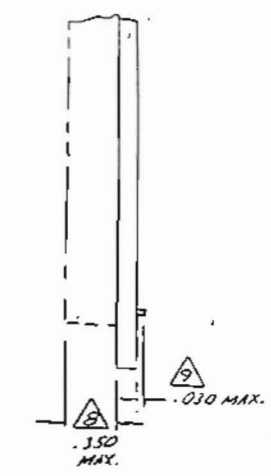
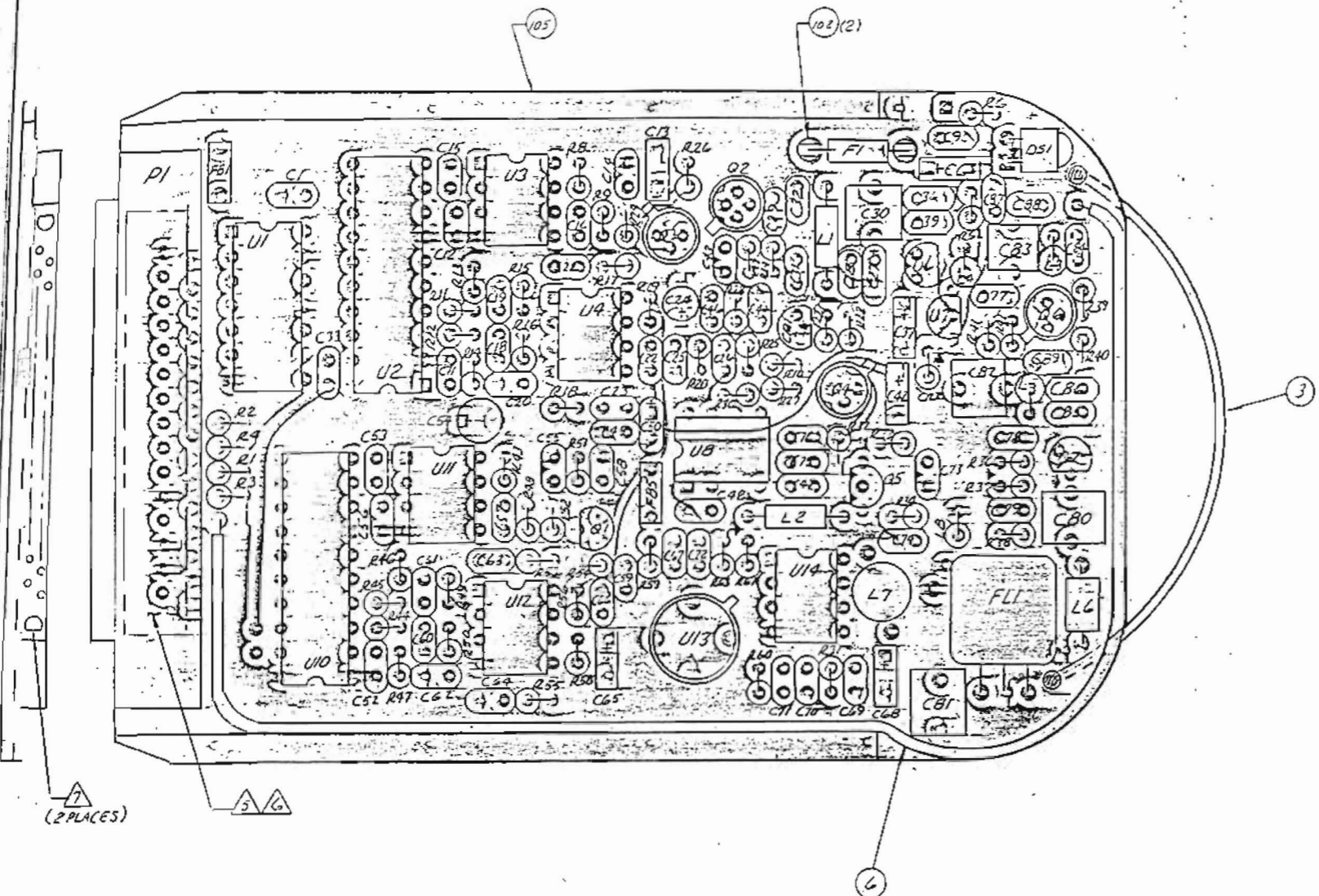
FOR PARTS LIST SEE SEPARATE P/W NUMBER

DESIGNED BY	DESIGNED AT	SOUTHCOR INTERNATIONAL INC. 2310 METERS AVENUE ELCERRITO, CALIFORNIA 94723 U.S.A.
CHECKED BY	CHECKED AT	
DRAWN BY		SCHEMATIC DIAGRAM, 1ST LO (A2)
APPROVED BY		
DATE		M50B
PART NUMBER		D 994 502-00
REV. NO.		3200
CODE IDENT NUMBER		52427

994502-00 2 of 2

994 502-00

REVISIONS				
ZONE/LTR	DESCRIPTION	DATE	CHK 1	APPROVED
200	TERMINAL PINS FOR DEW 00-07	10/10/77	AKC	J.L.S.
GOOD CHANGE PER DCN 0485 2-10-78				



7 (2 PLACES)
3/6

- ▲ ALL LEAD EXTENTIONS ON CIRCUIT SIDE OF BOARD TO BE .030 MAX. AS SHOWN.
- ▲ COMPONENTS NOT TO EXTEND BEYOND MAX. HEIGHT AS INDICATED.
- ▲ KEYING PINS TO BE ORIENTED AS INDICATED
- ▲ IDENTIFY WITH STOCK NUMBER USING (10 PR.) KROY TYPE TAPE.
- ▲ IDENTIFY WITH LATEST REVISION USING (10 PR.) KROY TYPE TAPE.
- ▲ ALL DIODES ARE 1N914
- ▲ COIL VALUES ARE SPECIFIED IN MICROHENRIES.
- ▲ CAPACITOR VALUES ARE SPECIFIED IN MICROFARADS.

RESISTOR VALUES ARE SPECIFIED IN OHMS AND ARE USW. 1.5%.

NOTE: UNLESS OTHERWISE SPECIFIED

REV	DATE	DESCRIPTION	BY	CHKD	APP'D
1		SCHEMATIC			
2		ASSEMBLY DRAWING			
3		DRAWING			

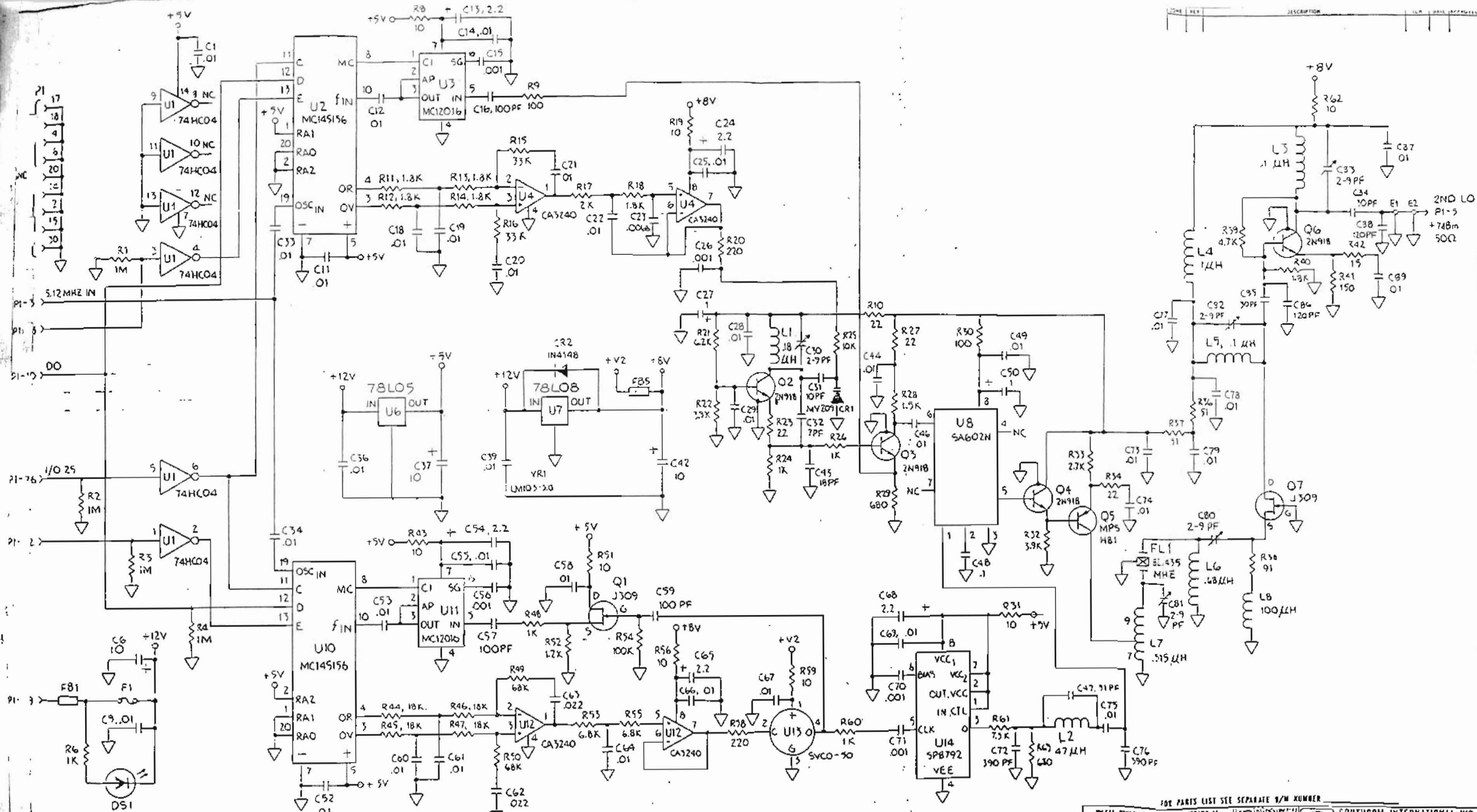
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES	
LINEAR	ANGULAR
.XX = .02	° = 0' 30"
.XXX = 0.10	
ALL MACHINED SURFACES	
FINISH	

CONTRACT NUMBER	
DRAWN BY	CHK'D BY
DESIGNED BY	TESTED BY
FILED IN	RELEASED
DESIGN ACTIVITY APPROVAL	
DESIGN APPROVAL	

TERRACOM			
ASSEMBLY DRAWING -			
2ND LO (A3), M50B			
SIZE	FSCM NO	DRAWING NUMBER	REV
D	054296	994503-00	B 00
SCALE	4/1	SHEET	1 OF 2

994503-00 L0F2

994503-00



994503-00 2 OF 2

994 503-00

C	R	CR	VR	U	Q	FB	F	DS	L	F	L	E	P
89	43	2		14	7	5	1	1	8	1	2	1	

REFERENCE DESIGNATORS NOT USED:
 C2 THRU 5, C7, C8, C10, C17, C33, C38, C45, C51, C90, C91
 R5, R7, R35, R57
 FB2, FB3, FB4
 U3, U9

CAPACITOR VALUES ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED.

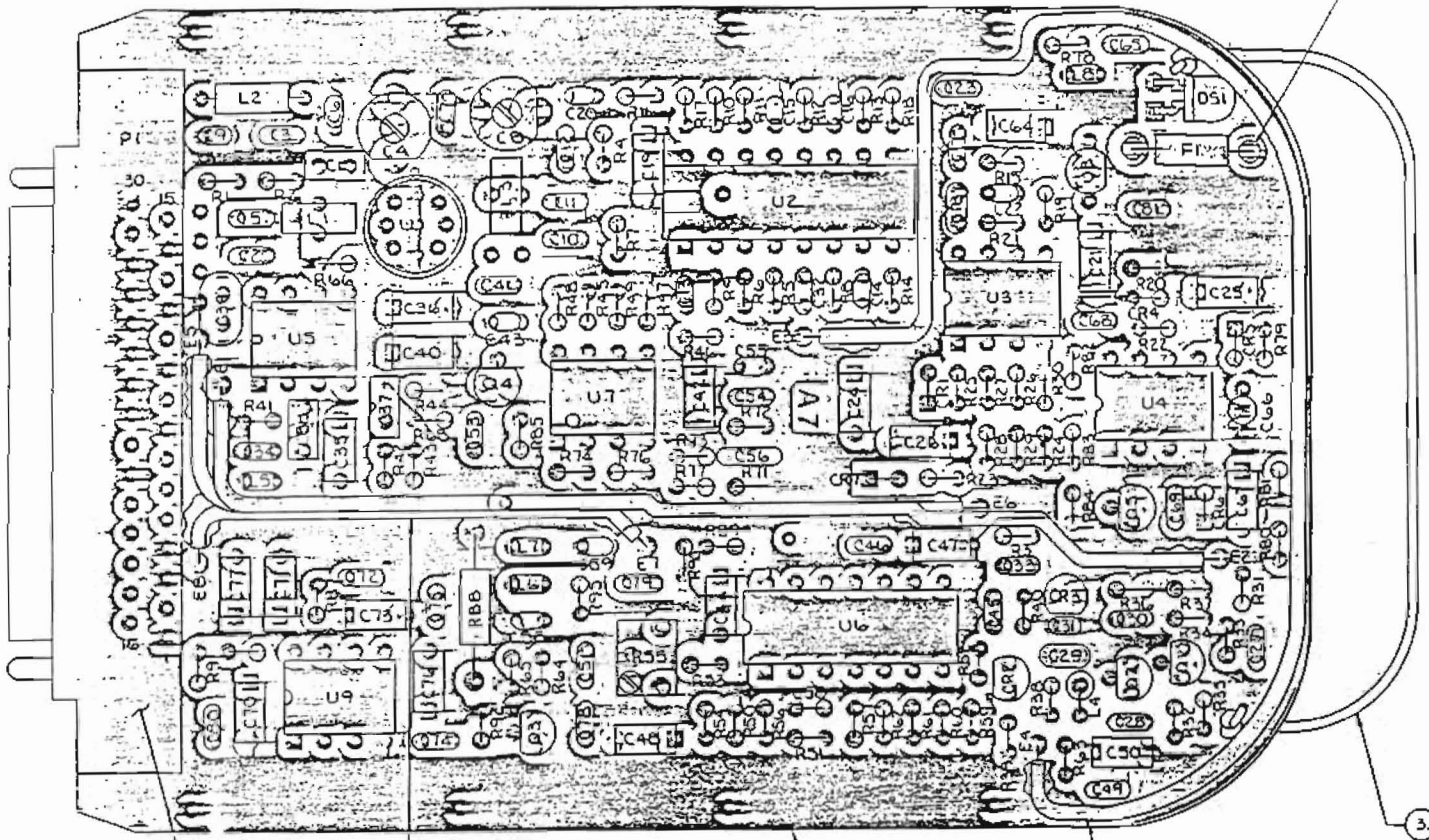
RESISTORS ARE 1/8W, 5%, VALUES IN OHMS, UNLESS OTHERWISE SPECIFIED.

NOTE: UNLESS OTHERWISE SPECIFIED

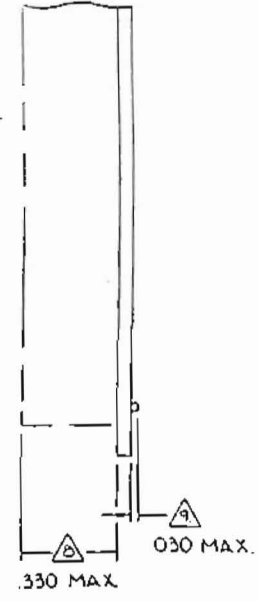
FOR PARTS LIST SEE SEPARATE B/M NUMBER

UNLESS OTHERWISE SPECIFIED	DESIGNED BY		SOUTHCOR INTERNATIONAL INC. 2710 METERS AVENUE ESCROWDIO, CALIFORNIA 92025 U.S.A.
NUMERICAL AND ALPHABETIC	CHECKED BY		
TOLERANCES	APPROVED BY	SCHEMATIC DIAGRAM, 2ND LO (A3) M50 B	
DATE	RELEASED BY	SIZE DRAWING NUMBER D 994503-00	SHEET NUMBER 2 OF 2
LAYER 1st LAY 2nd LAY 3rd LAY 4th LAY 5th LAY 6th LAY 7th LAY 8th LAY 9th LAY 10th LAY 11th LAY 12th LAY 13th LAY 14th LAY 15th LAY 16th LAY 17th LAY 18th LAY 19th LAY 20th LAY 21st LAY 22nd LAY 23rd LAY 24th LAY 25th LAY 26th LAY 27th LAY 28th LAY 29th LAY 30th LAY 31st LAY 32nd LAY 33rd LAY 34th LAY 35th LAY 36th LAY 37th LAY 38th LAY 39th LAY 40th LAY 41st LAY 42nd LAY 43rd LAY 44th LAY 45th LAY 46th LAY 47th LAY 48th LAY 49th LAY 50th LAY	INTERNAL DATE 11/11/87	CODE IDENT NUMBER 52427	000

REVISIONS			
ZONE/ITER	DESCRIPTION	DATE	CHK DATE APPROVED
A00	PROD REL PER DCN 8655	5/21/77	S.R.M. [Signature]
B00	CHANGE PER DCN 8688	2-9-85 S.R.M.	
B01	CHANGE PER DCN 8717	5/4/85 V.N.C.	RES194438 [Signature]



INSTALL COAXES IN THIS ORDER:
 1. E7 TO E8
 2. E5 TO E6
 3. E1 TO E2
 SOLDER TO GND PLANE AS INDICATED



- ⚠ ALL LEAD EXTENSIONS ON CIRCUIT SIDE OF BOARD TO BE .030 MAX AS SHOWN.
- ⚠ COMPONENTS NOT TO EXTEND BEYOND MAX. HEIGHT AS INDICATED.
- ⚠ LYING PINS TO BE ORIENTED AS INDICATED.
- ⚠ IDENTIFY WITH STOCK NUMBER USING (10PT) KROY TYPE TAPE.
- ⚠ IDENTIFY WITH LATEST REVISION USING (10PT) KROY TYPE TAPE.
- ⚠ ALL DIODES ARE 1N4148.
- 1. OHM VALUES ARE SPECIFIED IN MICROHERRIES.
- 2. CAPACITOR VALUES ARE SPECIFIED IN PICOFARADS WHEN REPRESENTED BY WHOLE NUMBERS AND BY MICROFARADS WHEN REPRESENTED BY DECIMALS.
- 3. RESISTOR VALUES ARE SPECIFIED IN OHMS AND ARE 1/4W, 25C.

NOTE: UNLESS OTHERWISE SPECIFIED

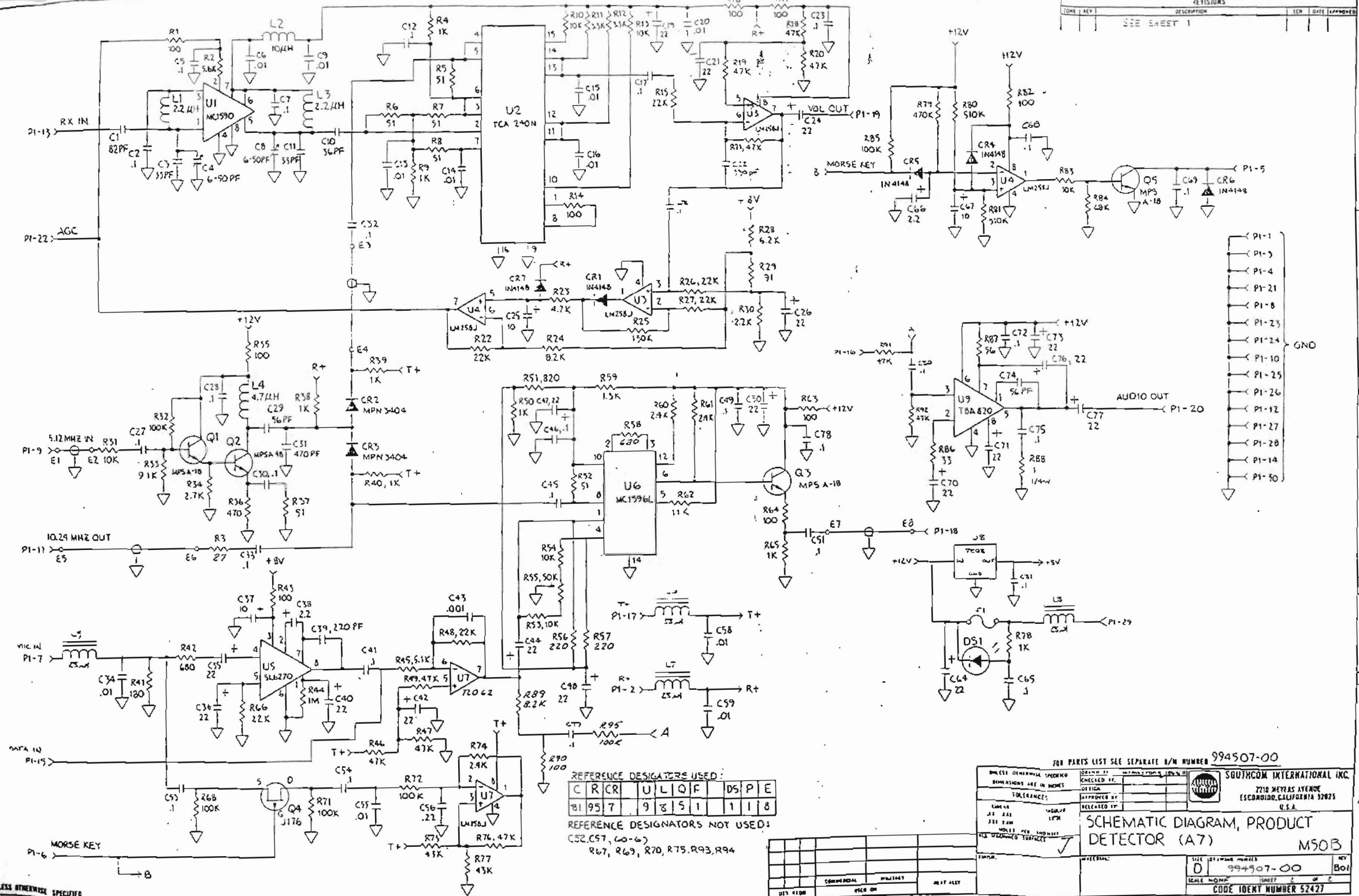
REV	DESCRIPTION	DATE	BY	CHKD	QTY REQ	UNIT	REMARKS
1	ASSEMBLY DRAWING	0					
2	SCHEMATIC	0					
3							
4							
5							
6							
7							

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES	
LINEAR	ANGULAR
.01 ± .00	± 0° 30'
.005 ± .001	
HOLE PER	
ALL MACHINED SURFACES	FINISH
	✓

CONTRACT NUMBER	
DRAWN BY	S.R.M.
CHECKED BY	[Signature]
DESIGNER	
MESH ENG.	
ELECT. ENG.	H.C.P.
PROJECT	
RELEASE	
DESIGNER'S AUTHORITY APPROVAL	
DESIGNER APPROVAL	

TERRACOM			
ASSEMBLY DRAWING - PRODUCT DETECTOR (A7)			
SIZE	FSCH NO.	DRAWING NUMBER	REV
D	054298	994507-00	001
SCALE: 4:1			SHEET 1 OF 2

994507-00 1 of 2
 994507-00 1 of 2
 994507-00 1 of 2



- < P1-1
- < P1-3
- < P1-4
- < P1-21
- < P1-8
- < P1-23
- < P1-24
- < P1-10
- < P1-25
- < P1-26
- < P1-12
- < P1-27
- < P1-28
- < P1-14
- < P1-50

REFERENCE DESIGNATORS USED:

C	R	CR	U	L	Q	F	DS	P	E
81	95	7	9	8	5	1	1	1	8

REFERENCE DESIGNATORS NOT USED:

C52, C57, C60-67
R67, R69, R70, R75, R93, R94

FOR PARTS LIST SEE SEPARATE B/N NUMBER 994507-00

DESIGNED BY	CHECKED BY	DATE	SCALE
DRAWN BY	APPROVED BY	RELEASED BY	

SCHEMATIC DIAGRAM, PRODUCT DETECTOR (A7) M50B

994507-00

CODE IDENT NUMBER 52427

NOTE: UNLESS OTHERWISE SPECIFIED

100-700111

994507-00

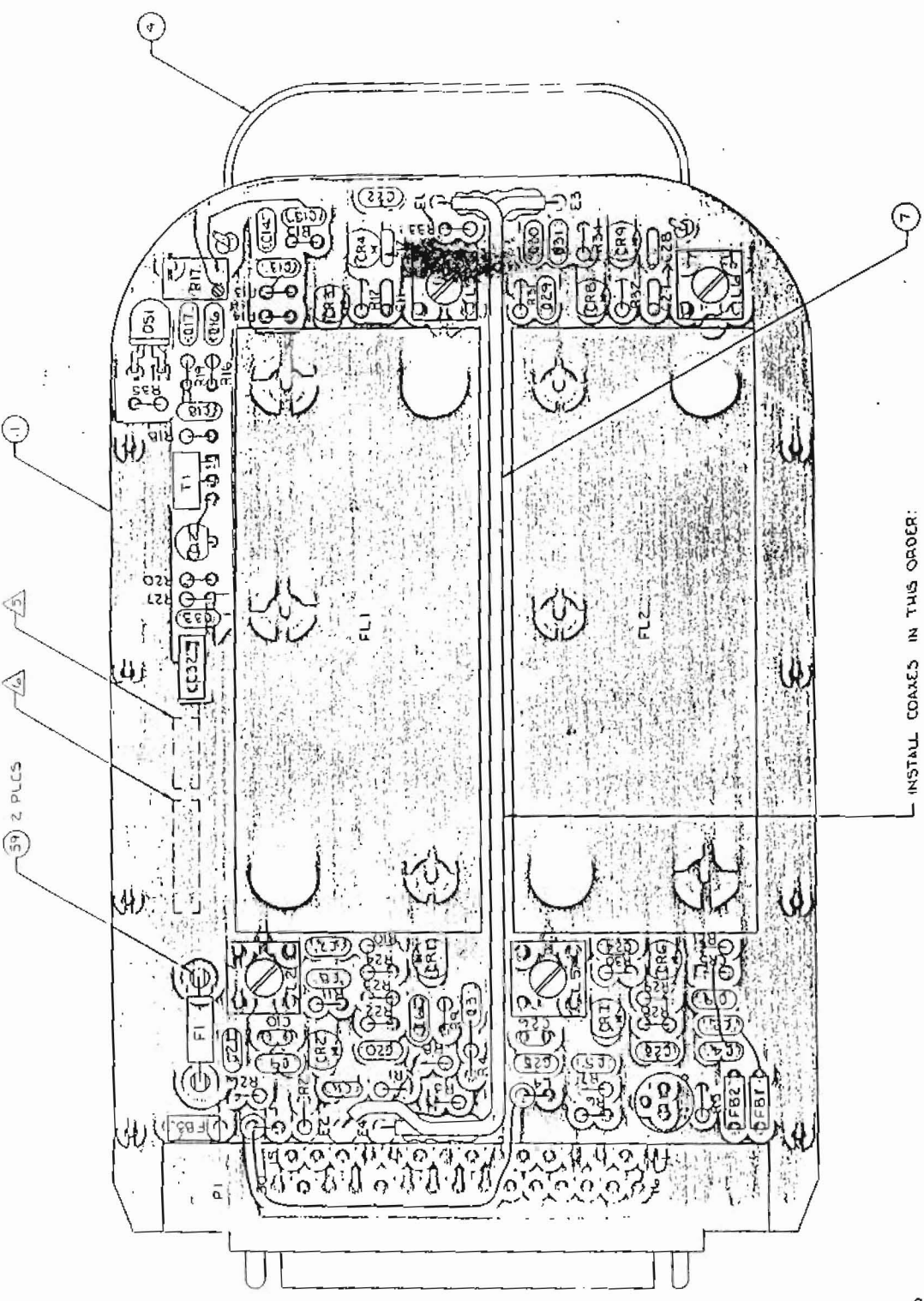
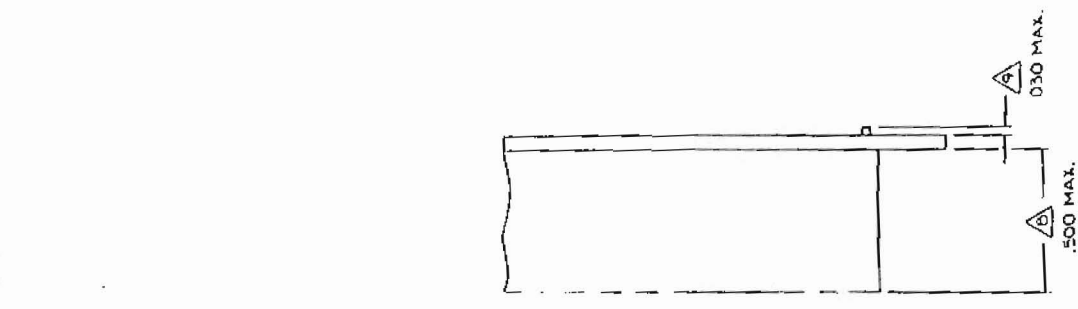
A

Boj

D C B A

REVISIONS

NO.	DATE	APPROVED	DESCRIPTION
1	12-1-68		ISSUED PER DCAM BOARD



INSTALL COAXES IN THIS ORDER:
 1. E3 TO E4
 2. E1 TO E2
 SOLDER TO GND PLANE AS INDICATED.

A 2 PLS

B 2 PLS

- ALL LEAD EXTENSIONS ON GROUND SIDE OF BOARD TO BE 0.30 MAX AS SHOWN.
- COMPONENT NOT TO EXTEND BEYOND MAX. HEIGHT AS INDICATED.
- ALL PINS TO BE ORIENTED AS INDICATED.
- IDENTIFY WITH PART NUMBER, RUBBER STAMP
- IDENTIFY WITH LATEST REVISION, RUBBER STAMP
- VALUES ARE SPECIFIED IN MICROINCHES.
- VALUES ARE SPECIFIED IN PICOINCHES WHEN REPRESENTED BY WHOLE NUMBERS AND BY MICROINCHES WHEN REPRESENTED BY DECIMALS.
- RESISTOR VALUES ARE SPECIFIED IN OHMS AND ARE 1% W. 2.5%.

UNLESS OTHERWISE SPECIFIED

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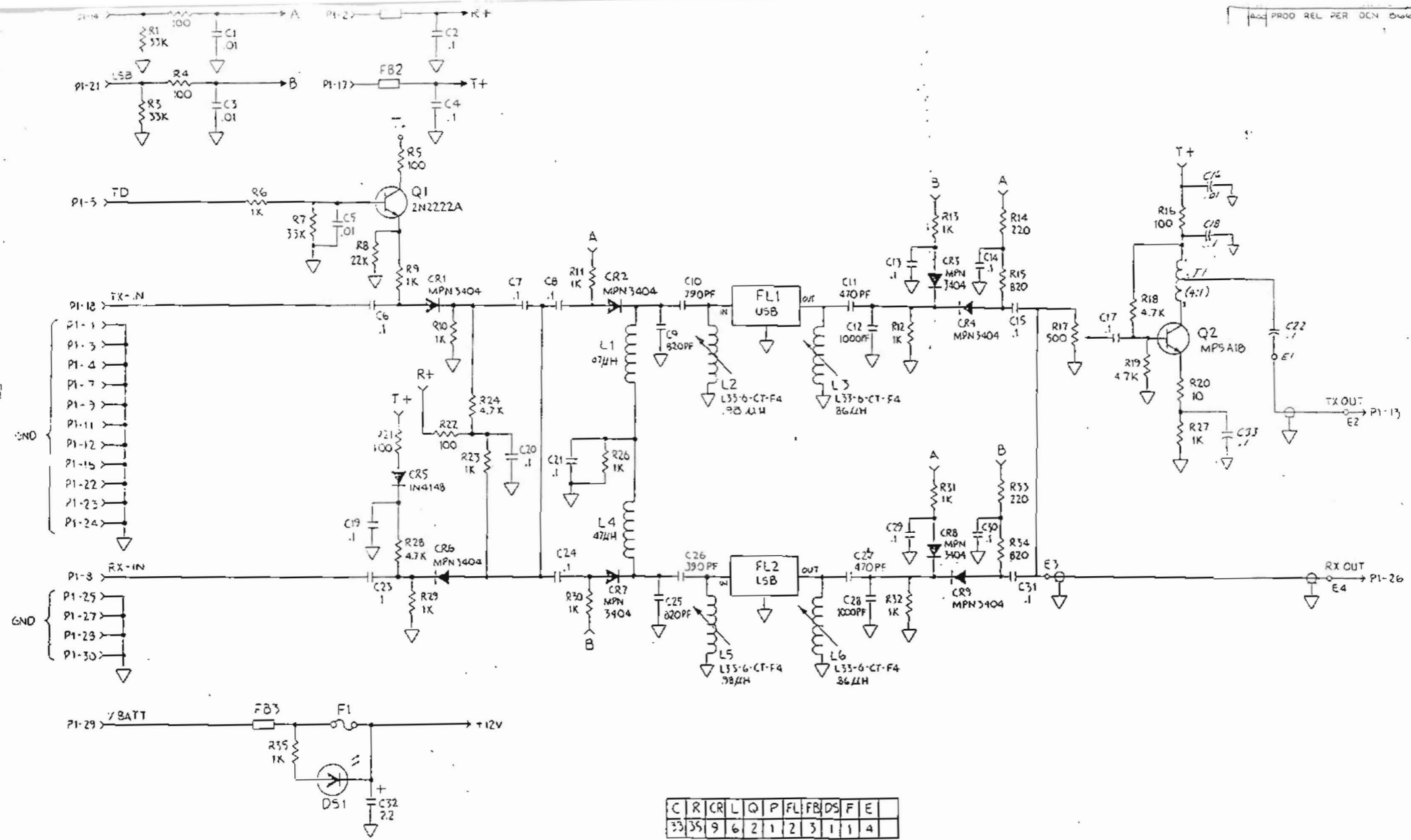
UNLESS OTHERWISE SPECIFIED		CONTRACT NUMBER	
DIMENSIONS ARE IN INCHES	DATE	12-1-68	
TOLERANCES	CHECKED	J. J. [Signature]	
LINEAR	DESIGNED	J. J. [Signature]	
ANGULAR	TRACED	J. J. [Signature]	
XX = 0.1	RELEASED	J. J. [Signature]	
XX = 0.05	DESIGN APPROVAL	J. J. [Signature]	
XX = 0.01	TEST APPROVAL	J. J. [Signature]	
ALL UNFINISHED SURFACES	DESIGN APPROVAL	J. J. [Signature]	
FINISH	TEST APPROVAL	J. J. [Signature]	

NO.	REV.	DATE	DESCRIPTION	BY	CHKD.
1			ISSUED PER DCAM BOARD		
2					
3					
4					
5					
6					
7					
8					

DATE	REV.	DESCRIPTION	BY	CHKD.
12-1-68	1	ISSUED PER DCAM BOARD		
	2			
	3			
	4			
	5			
	6			
	7			
	8			

UNLESS OTHERWISE SPECIFIED

994508-00 1 OF 2



C	R	CR	L	Q	P	FL	FB	DS	F	E
33	35	9	6	2	1	2	3	1	1	4

REFERENCE DESIGNATIONS NOT USED:
R25

C CAPTOR VALUES ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
R RESISTORS ARE 1/8 W, 5%, VALUES IN OHMS; UNLESS OTHERWISE SPECIFIED.
DTE: UNLESS OTHERWISE SPECIFIED

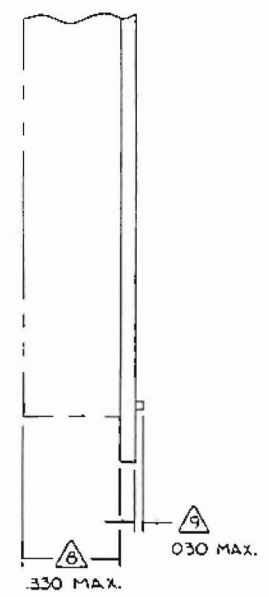
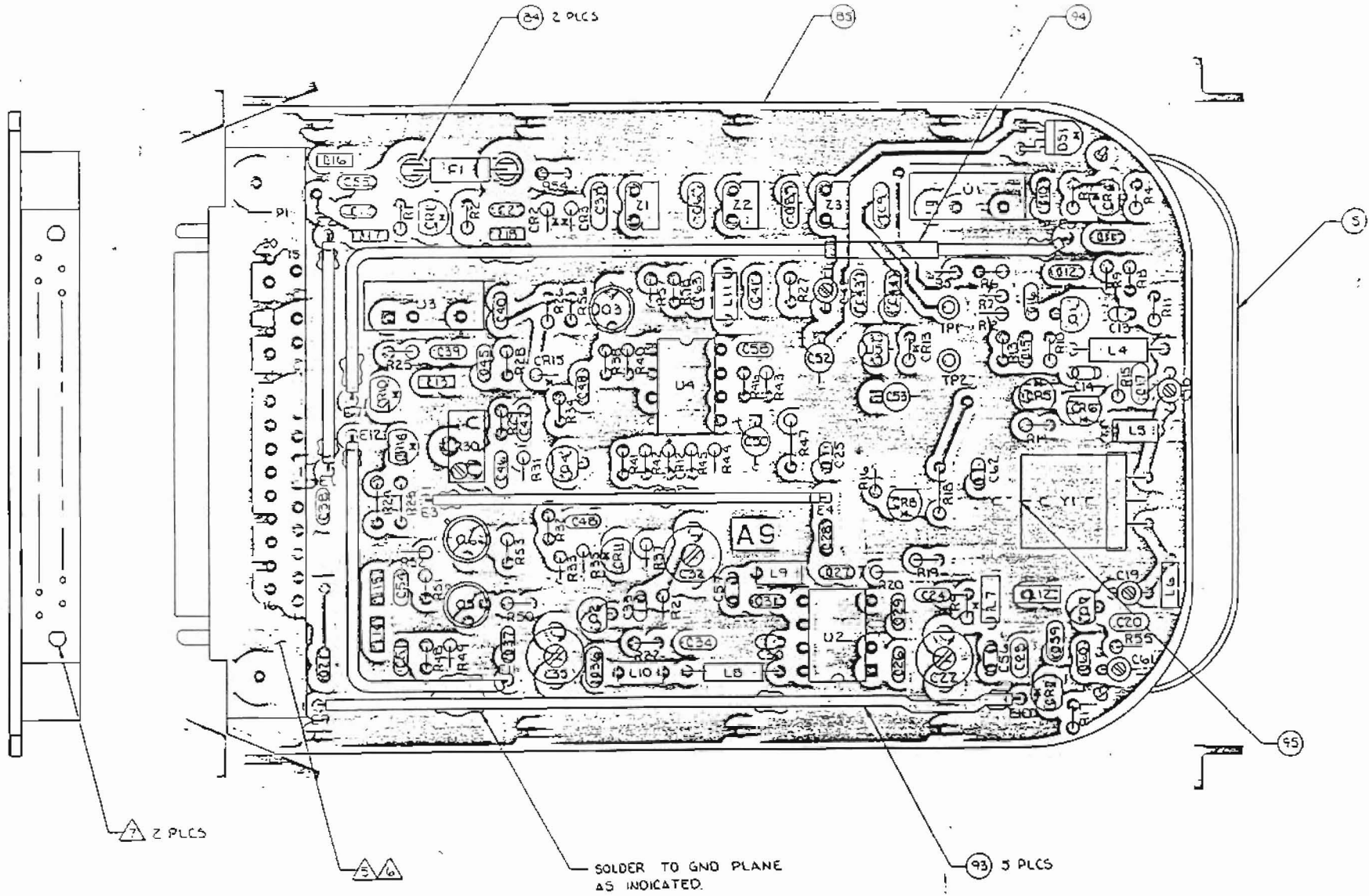
994508-00 A of 2

994 508-00

FOR PARTS LIST SEE SEPARATE B/M NUMBER 99450800

UNLESS OTHERWISE SPECIFIED	DESIGNED BY	CHECKED BY		SOUTHCOR INTERNATIONAL INC. 2210 MEYERS AVENUE ESCONDIDO, CALIFORNIA 92025 U.S.A.
DIMENSIONS ARE IN INCHES	TOLERANCES	APPROVED BY		
LINEAR	ANGULAR	SCHEMATIC DIAGRAM, 2ND IF (A8)		
22 L45	1/16"	M50B		
201 2010	1/32"	USE OPENING NUMBER D 994508-00 100		
MOLDED PER (40000)	1/64"	SCALE: 1/8" = 1"		
ALL DIMENSIONS SURFACES	1/16"	CODE IDENT NUMBER 52427		

REV	NO	DATE	BY	CHKD



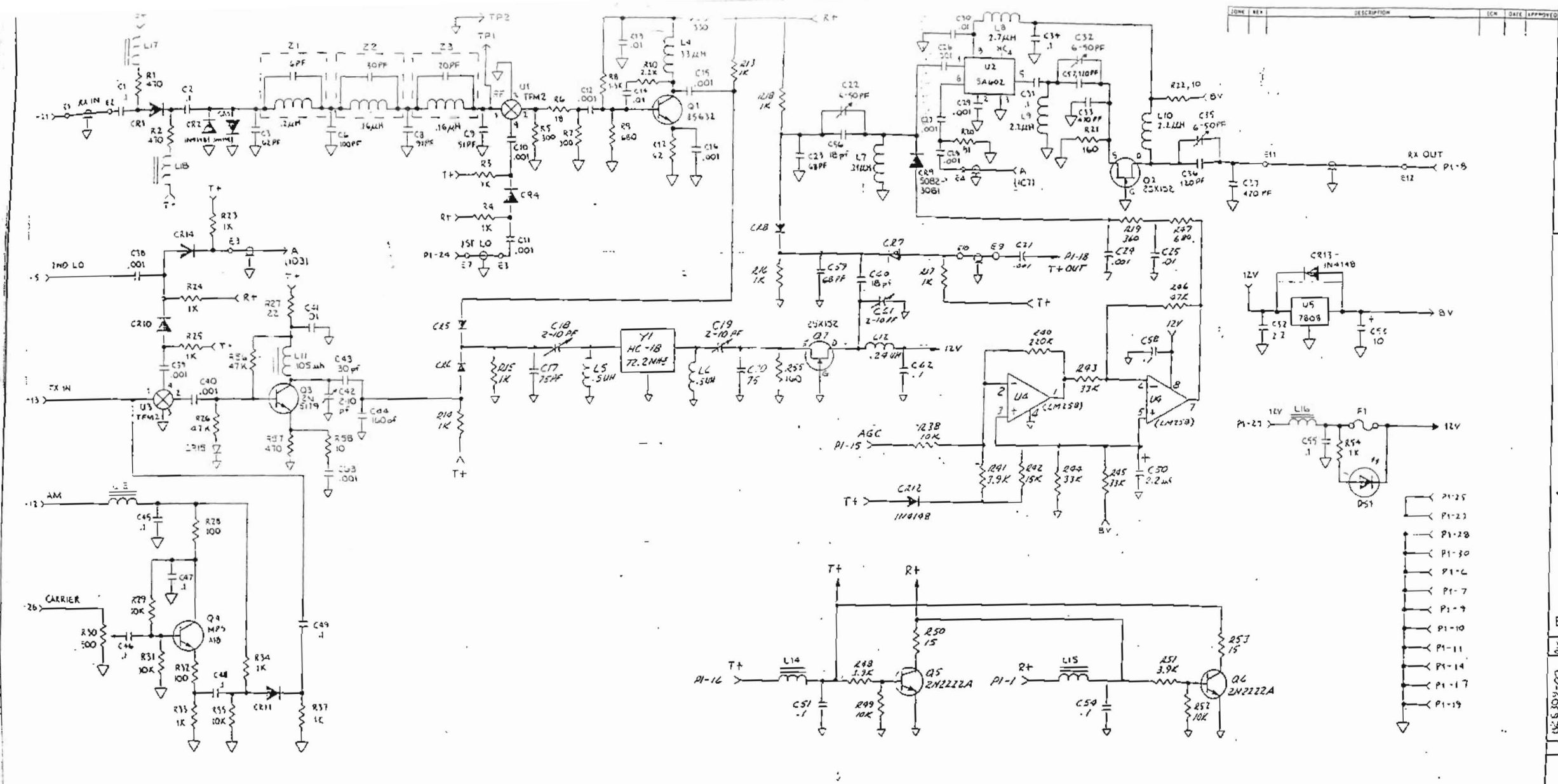
- 1. ALL LEAD EXTENSIONS ON CIRCUIT SIDE OF BOARD TO BE .030 MAX. AS SHOWN.
- 2. COMPONENTS NOT TO EXTEND BEYOND MAX. HEIGHT AS INDICATED.
- 3. KEYING PINS TO BE ORIENTED AS INDICATED.
- 4. IDENTIFY WITH STOCK NUMBER, USING (10 PT.) KROY TYPE TAPE.
- 5. IDENTIFY WITH LATEST REVISION, USING (10 PT.) KROY TYPE TAPE.
- 6. ALL DIODES ARE IN-14/IN-14B.
- 7. DIM. VALUES ARE IN INCHES.
- 8. CAPACITOR VALUES ARE SPECIFIED IN PICOFARADS WHEN REPRESENTED BY WHOLE NUMBERS, AND BY MICROFARADS WHEN REPRESENTED BY DECIMALS.
- 9. RESISTOR VALUES ARE SPECIFIED IN OHMS AND ARE 1/4W, 55.

NOTE: UNLESS OTHERWISE SPECIFIED

SOLDER TO GND PLANE AS INDICATED.

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UNLESS OTHERWISE SPECIFIED		CONTRACT NUMBER		TERRACOM	
DIMENSIONS ARE IN INCHES		DRAWN BY: J.S.B.M. II-BD		CHECKED BY: [Signature]	
TOLERANCES		DESIGNER: [Signature]		PROJECT ENG: N. COX	
LINEAR ±.005		CHECK ENG: [Signature]		PROJECT RELEASE: [Signature]	
ANGULAR ±0°30'		DESIGN APPROVAL: [Signature]		DESIGN APPROVAL: [Signature]	
HOLE PER ASSEMBLY		DESIGN APPROVAL: [Signature]		DESIGN APPROVAL: [Signature]	
ALL MACHINED SURFACES		DESIGN APPROVAL: [Signature]		DESIGN APPROVAL: [Signature]	
FINISH		DESIGN APPROVAL: [Signature]		DESIGN APPROVAL: [Signature]	
7		7		7	
6		6		6	
5		5		5	
4		4		4	
3		3		3	
2		2		2	
1		1		1	
SMT		SMT		SMT	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
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NEXT ASST		NEXT ASST		NEXT ASST	
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SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
SCHEMATIC		SCHEMATIC		SCHEMATIC	
ASSEMBLY DRAWING		ASSEMBLY DRAWING		ASSEMBLY DRAWING	
DRAWING		DRAWING		DRAWING	
SIZE		SIZE		SIZE	
QTY REQD		QTY REQD		QTY REQD	
USED ON		USED ON		USED ON	
NEXT ASST		NEXT ASST		NEXT ASST	
MCOA		MCOA		MCOA	
SCHEMATIC		SCHEMATIC		SCHEMATIC	



REF DESIGNATORS USED

C	R	CR	U	Q	F	L	OS	P	Y	E
43	53	15	5	7	1	18	1	1	1	12

REF DESIGNATORS NOT USED
 C-5, 7
 2, 36, 39
 L-1, 2, 3

1. 100ES ARE MPN 3404.
 2. CAPACITOR VALUES ARE IN MICROFARADS.
 3. RESISTORS ARE 1/8W, 5% VALUES IN OHMS.
- NOTE: UNLESS OTHERWISE SPECIFIED

FOR PARTS LIST SEE SEPARATE S/W NUMBER 994509-00

UNLESS OTHERWISE SPECIFIED	DESIGN BY	DATE	REV
TOLERANCES	DESIGNED BY	2-7-68	1
LINEAR	APPROVED BY		
IF 2.00	RELEASED BY		
IF 1.00			
IF 0.50			
IF 0.25			
IF 0.10			
IF 0.05			
IF 0.02			
IF 0.01			

SOUTRCOM INTERNATIONAL INC.
 2710 METERS AVENUE
 ESCORCION, CALIFORNIA 92025
 U.S.A.

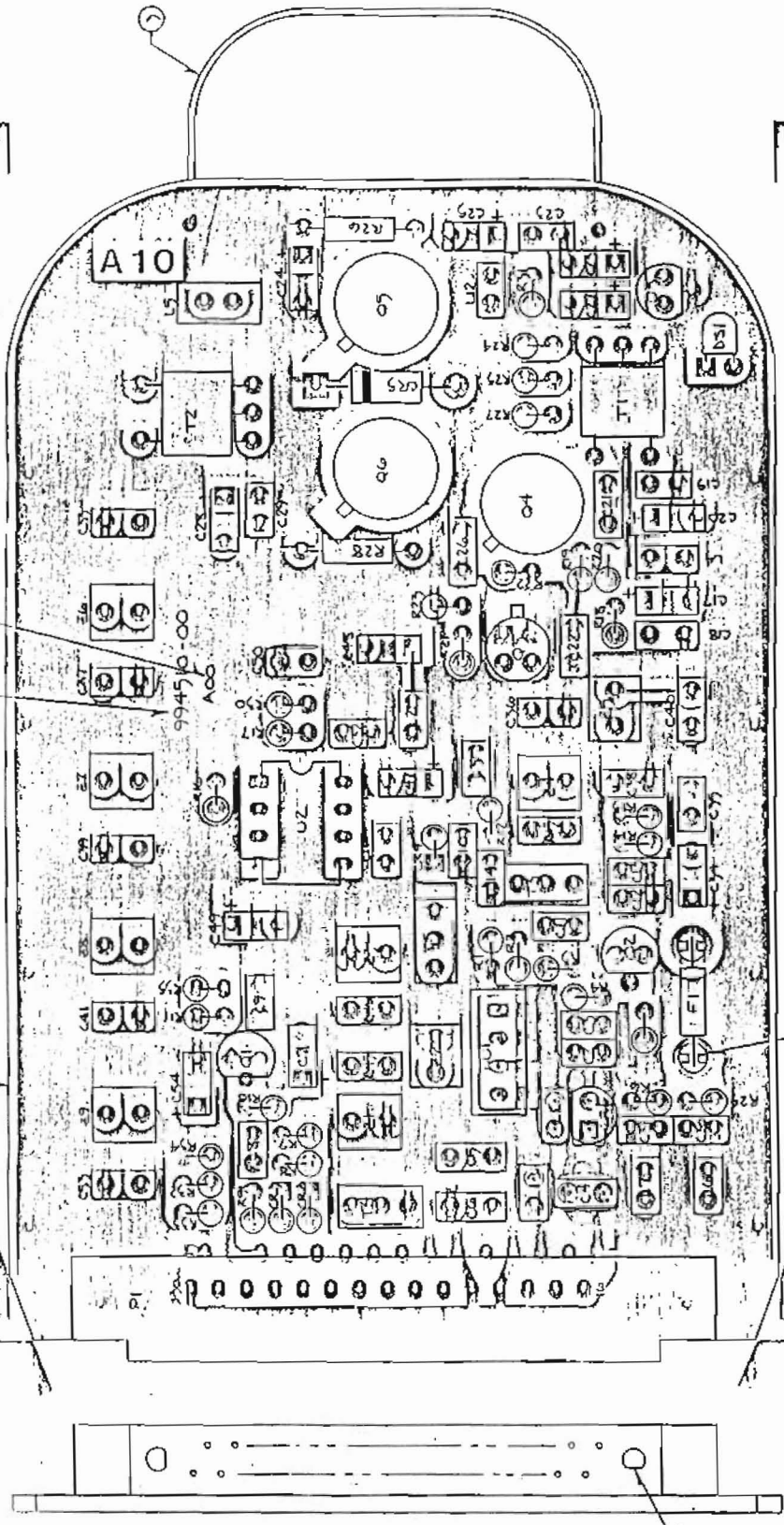
SCHEMATIC DIAGRAM, 1ST IF (A9)

M50A

SIZE 0 DRAWING NUMBER 994509-00 REV A00
 SCALE 1:1 SHEET 2 OF 2
 CODE IDENT NUMBER 52427

994509-00

DATE	CHK	DATE	APPROVED
1/22/72	J.C.K.		



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
UNIT: ANGULAR ± 0.25	UNIT: ANGULAR ± 0.25
LINEAR ± 0.00	LINEAR ± 0.00
ALL MACHINED SURFACES FINISH	ALL MACHINED SURFACES FINISH
DESIGN APPROVAL	DESIGN APPROVAL
CONTRACT NUMBER	CONTRACT NUMBER
TERRACOM	TERRACOM
ASSEMBLY DRAWING	ASSEMBLY DRAWING
R/L 1 ST MIXER, A10 M50B	R/L 1 ST MIXER, A10 M50B
SHEET 1 OF 2	SHEET 1 OF 2

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
UNIT: ANGULAR ± 0.25	UNIT: ANGULAR ± 0.25
LINEAR ± 0.00	LINEAR ± 0.00
ALL MACHINED SURFACES FINISH	ALL MACHINED SURFACES FINISH
DESIGN APPROVAL	DESIGN APPROVAL
CONTRACT NUMBER	CONTRACT NUMBER
TERRACOM	TERRACOM
ASSEMBLY DRAWING	ASSEMBLY DRAWING
R/L 1 ST MIXER, A10 M50B	R/L 1 ST MIXER, A10 M50B
SHEET 1 OF 2	SHEET 1 OF 2

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
UNIT: ANGULAR ± 0.25	UNIT: ANGULAR ± 0.25
LINEAR ± 0.00	LINEAR ± 0.00
ALL MACHINED SURFACES FINISH	ALL MACHINED SURFACES FINISH
DESIGN APPROVAL	DESIGN APPROVAL
CONTRACT NUMBER	CONTRACT NUMBER
TERRACOM	TERRACOM
ASSEMBLY DRAWING	ASSEMBLY DRAWING
R/L 1 ST MIXER, A10 M50B	R/L 1 ST MIXER, A10 M50B
SHEET 1 OF 2	SHEET 1 OF 2

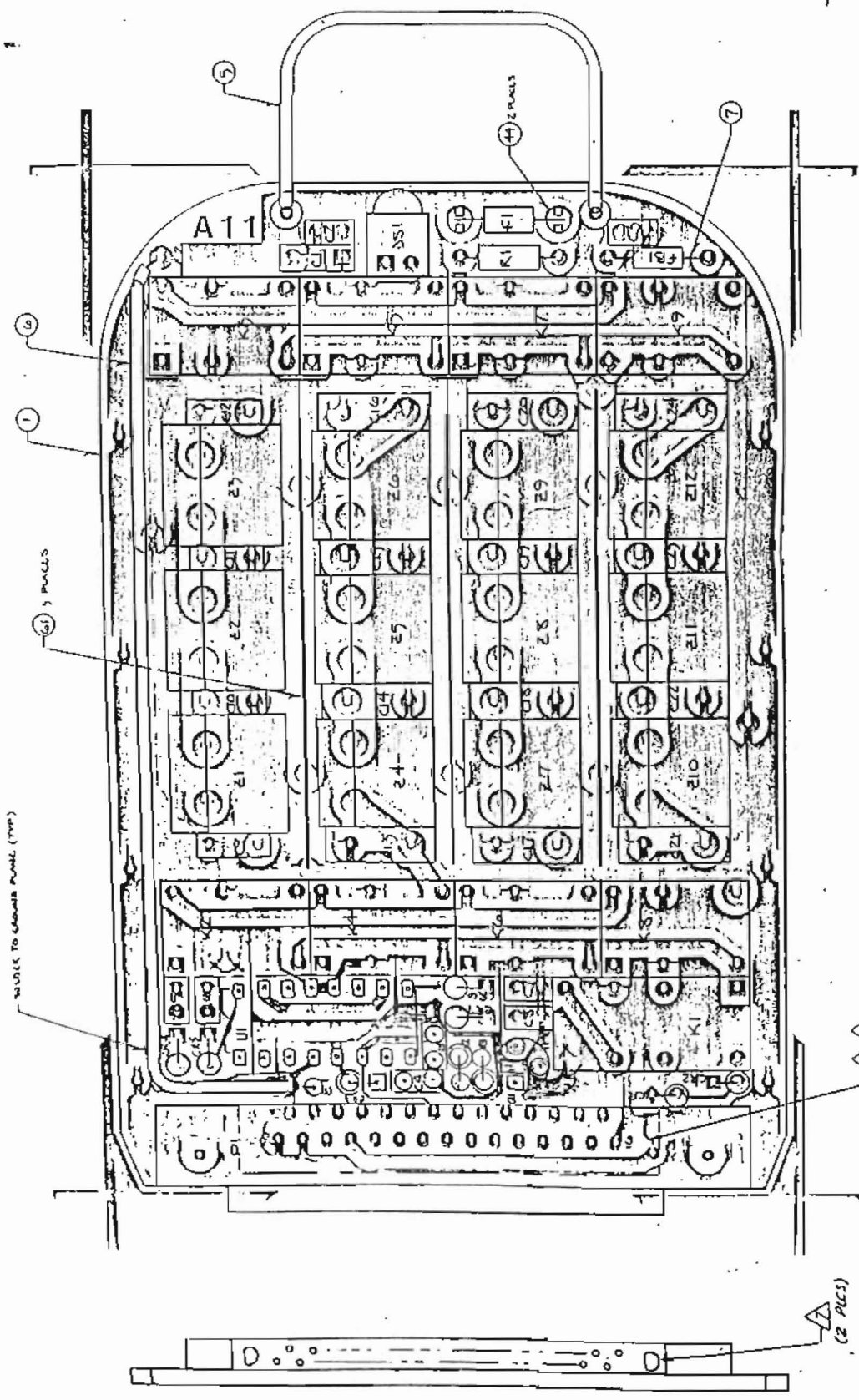
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

NOTE: UNLESS OTHERWISE SPECIFIED

117511 - 1082

994511-00

REVISIONS	DATE	DESCRIPTION
1	11/17/54	ISSUED FOR PRODUCTION
2	11/17/54	ISSUED FOR PRODUCTION



REVISIONS		DATE	DESCRIPTION
1	11/17/54	ISSUED FOR PRODUCTION	
2	11/17/54	ISSUED FOR PRODUCTION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

LINEAR TOLERANCES: .005, .010, .015, .020, .030, .040, .050, .060, .070, .080, .090, .100, .125, .150, .175, .200, .250, .300, .375, .450, .500, .625, .750, .875, 1.000

ANGULAR TOLERANCES: ALL UNLESS OTHERWISE SPECIFIED

ALL UNFINISHED SURFACES TO BE FINISHED

ITEM NO.	DESCRIPTION	QTY	UNIT	ASSEMBLY
1	CHASSIS	1	PCB	ASST
2	CONNECTOR	1	PCB	ASST
3	CONNECTOR	1	PCB	ASST
4	CONNECTOR	1	PCB	ASST
5	CONNECTOR	1	PCB	ASST
6	CONNECTOR	1	PCB	ASST
7	CONNECTOR	1	PCB	ASST
8	CONNECTOR	1	PCB	ASST
9	CONNECTOR	1	PCB	ASST
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97	CONNECTOR	1	PCB	ASST
98	CONNECTOR	1	PCB	ASST
99	CONNECTOR	1	PCB	ASST
100	CONNECTOR	1	PCB	ASST

ALL DIMENSIONS ON CIRCUIT SIDE OF BOARD TO BE .030 MAX. AS SHOWN.

COMPONENTS ARE TO EXTEND BEYOND MAX HEIGHT AS INDICATED.

LEADS ARE TO BE ORIENTED AS INDICATED.

WELDED WITH BRASS MINIMUM, USING (10 BT) KROY FIVE TUBE.

WELDED WITH LARGEST NETWORK, USING (40 BT) KROY FIVE TUBE.

ALL TUBES ARE FINISHED.

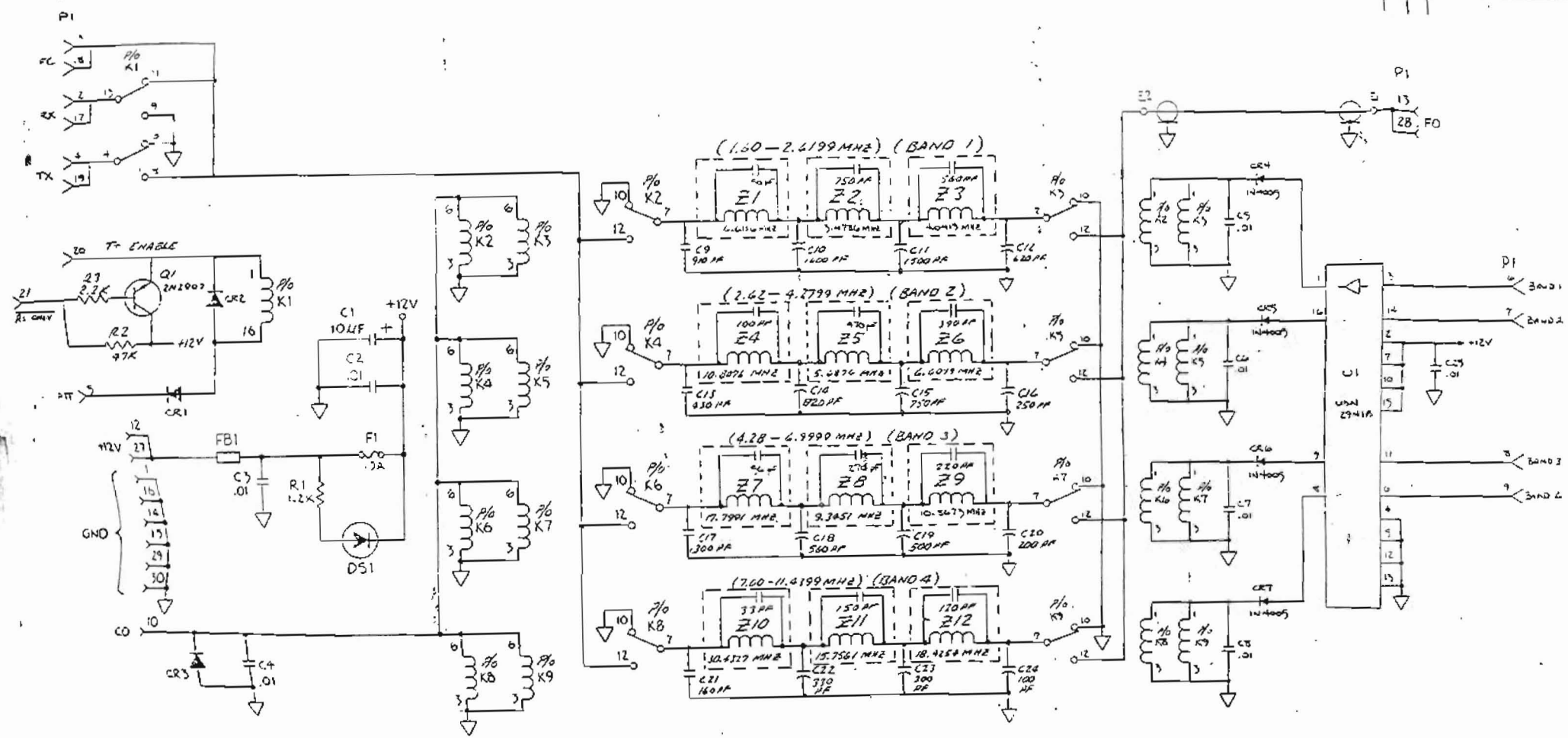
PLEASE BE THOROUGH ON THE AIR WITH A SMALL AMOUNT OF RTV.

(RTV) should be used under the cap.

ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.

994511-00

ASSEMBLY DRAWING - 1ST FILTER (A11) M150A



C	R	O	CR	F	DS	Z	K	F	P	U
27	3	1	7	1	1	12	9	1	1	1

- DIODES ARE IN414B.
- CAPACITOR VALUES ARE IN MICROFARADS.
- RESISTORS ARE 1/8W, 5%; VALUES IN OHMS.

NOTE: UNLESS OTHERWISE SPECIFIED

FOR PARTS LIST SEE SEPARATE D/W NUMBER 99451100

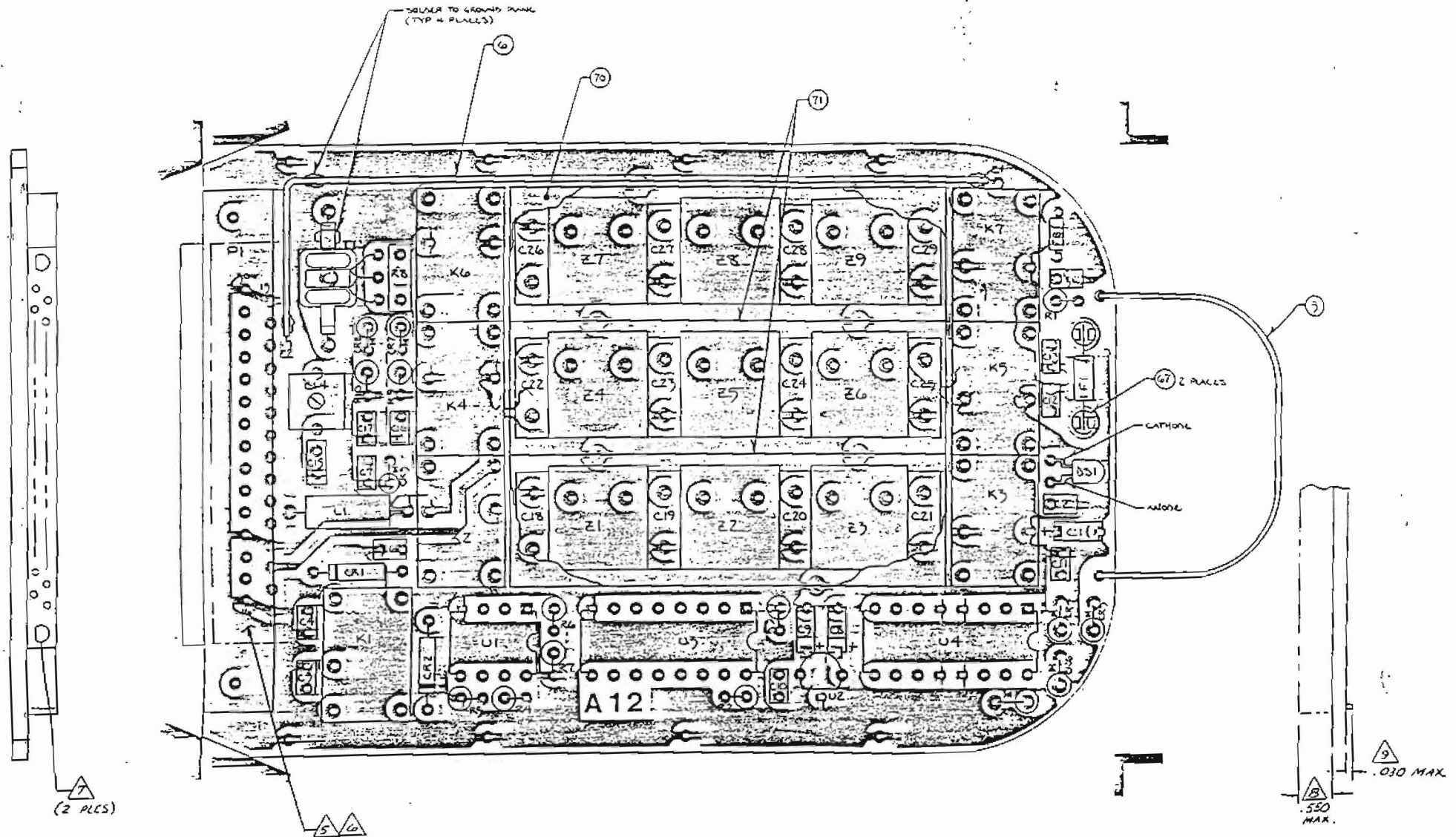
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DESIGNED BY: [Signature]		SOUTHCOM INTERNATIONAL INC. 2210 MEYERS AVENUE ESCONDIDO, CALIFORNIA 92025 U.S.A.
TOLERANCES	APPROVED BY: [Signature]		
1/16" ±0.0015" 1/32" ±0.0010" 1/64" ±0.0005" ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED	RELEASED BY: [Signature]	SCHEMATIC DIAGRAM, 1ST FILTER (A11) MP50A	
DATE: 8/20/68	SCALE: AS SHOWN	SHEET: 2 OF 2	CODE IDENT NUMBER 52427

110-11-00 2 OF 2

994511-00 11

A

REVISIONS				
DATE	CHK	DATE	APPROVED	
11/14/61	TKS	1-6-61		



ALL I/O EXTENSIONS ON CIRCUIT SIDE OF BOARD TO BE .030 MAX. AS SHOWN.
 COMPONENTS NOT TO EXTEND BEYOND MAX. HEIGHT AS INDICATED.
 TYPING PINS TO BE ORIENTED AS INDICATED.
 IDENTIFY WITH STOCK NUMBER, USING (10 PT.) KROY TYPE TAP.
 IDENTIFY WITH LATEST REVISION, USING (10 PT.) KROY TYPE TAP.
 DIODES ARE - 1N4148.
 SEE 21 THROUGH 29 TO THE PWS WITH A SMALL AMOUNT OF RTV
 (ITEM 2) APPLIED UNDER THE COILS.
 RESISTOR VALUES ARE SPECIFIED IN OHMS AND ARE 1/4 W. 5%.

NOTE: UNLESS OTHERWISE SPECIFIED

REV	DESCRIPTION	DATE	BY	CHKD	APP'D
1	ASSEMBLY DRAWING				
2	SCHEMATIC				
3	SCHEMATIC				
4	SCHEMATIC				
5	SCHEMATIC				
6	SCHEMATIC				
7	SCHEMATIC				

UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES	
LINEAR	ANGULAR
XX = .00	= 0° 30'
XXX = .010	
MOLES PER ANGIOB?	
ALL MACHINED SURFACES	<input checked="" type="checkbox"/>
FINISH	

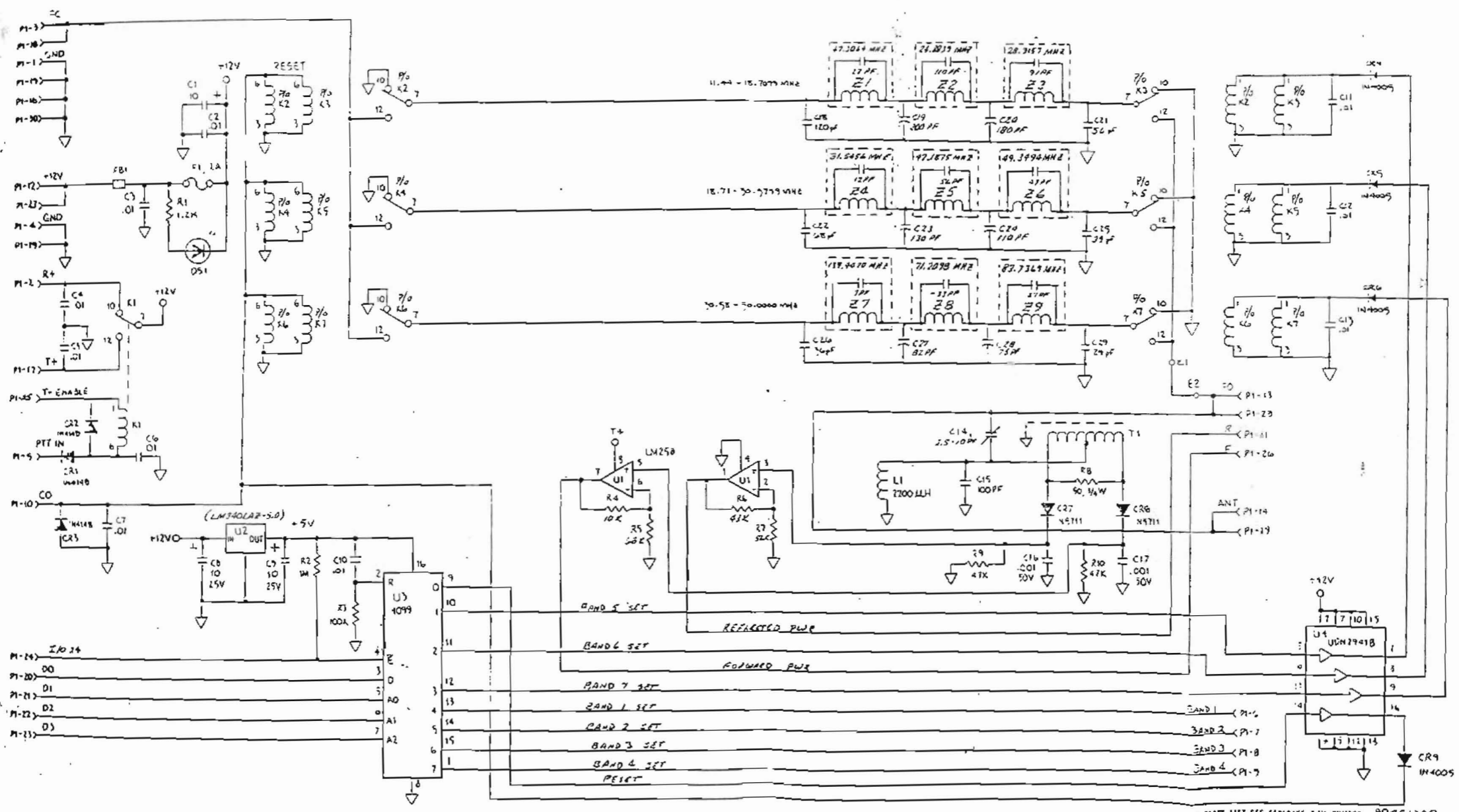
CONTRACT NUMBER	
DRAWN BY	CHKD BY
DESIGNED BY	DESIGNED BY
MECH ENG	
ELECT ENG	
PRODUCT RELEASE	
DESIGNER'S APPROVAL	
DESIGN APPROVAL	

TERRACOM			
ASSEMBLY DRAWING -			
2ND FILTER, A12 M50A			
SITE	FSCM NO.	DRAWING NUMBER	REV
D	054298	994512-00	A00
SCALE	1:1		
			SHEET 1 OF 2

994512-00 SHEET 1 OF 2

994512-00

A



994512-00 2 of 2

994512-00 4

C	R	CR	U	Z	T	L	K	F	FB	DS	P	E
29	10	9	4	9	1	1	7	1	1	1	1	2

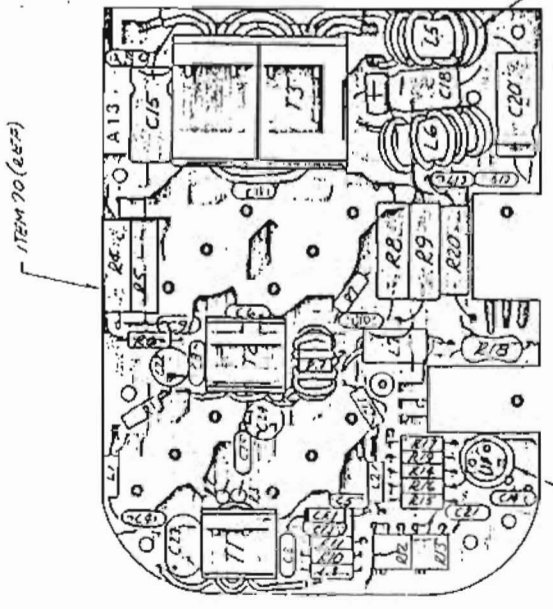
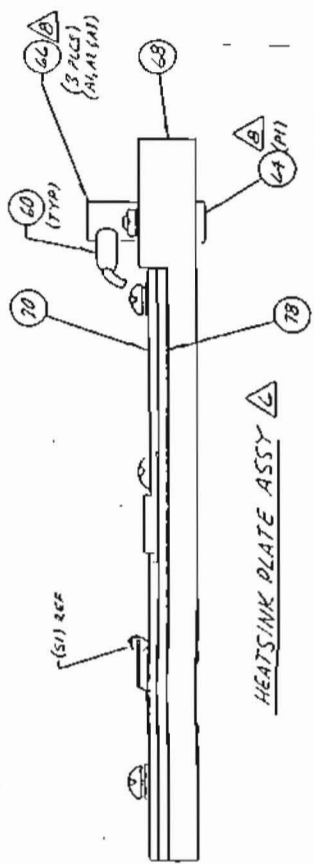
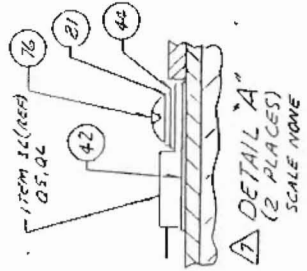
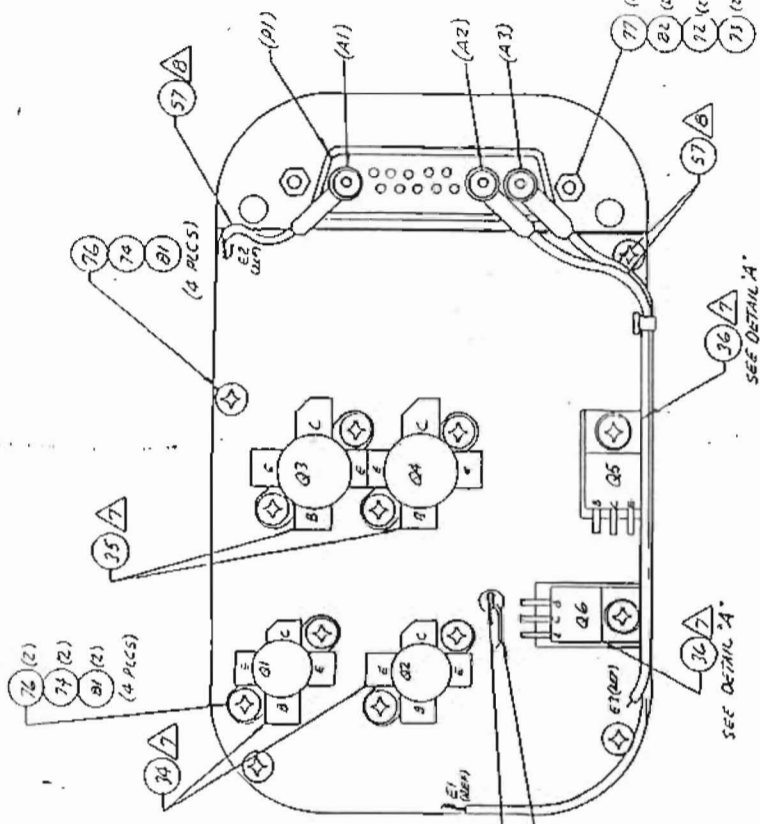
CAPACITORS ARE IN MICROFARADS.
RESISTORS ARE 1/8W, 5% ; VALUES IN OHMS.

FOR PARTS LIST SEE SEPARATE B/W NUMBER 99451200

UNLESS OTHERWISE SPECIFIED	DESIGN BY	DATE	SOUTHWEST INTERNATIONAL INC. 2710 WELLES AVENUE ESCONDIDO, CALIFORNIA 92025 U.S.A.
DRAWING AND IN NAME	DESIGN	4/2/74	
TOLERANCES	APPROVED BY		SCHEMATIC DIAGRAM, 2ND FILTER (A12) M50A
LIMITS	RELEASED BY		
2% LAS			SIZE DRAWING NUMBER D 994512-00
SEE 2000			SCALE NONE UNIT E or I
UNLESS OTHERWISE SPECIFIED			CODE IDENT NUMBER 52427

SEE UNLESS OTHERWISE SPECIFIED

REVISIONS	DATE	APPROVED
1		
2		
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8		



1. SECURE L9, L5, F66 TO BOARD USING ITEM 89 AS AGR.
2. INSTALL ITEM 69, 65, 58 & 59 TO HEATSINK PLATE ASSY. AFTER STEPS 1 THRU 5 HAS BEEN COMPLETED. TERMINATE ALL WIRES TO DESIGNATED AREA SHOWN ON SH 2.
3. INSTALL CONN. (P1), ITEM 60 WITH HARDWARE TO BE FOLLOWED BY INSTALLING ITEM 66 (3 PLCS) (A1-A3) WITH ITEM 57 COAX WIRES. TERMINATE COAX WIRES TO DESIGNATED AREA AS SHOWN ON SH 1.
4. INSTALL ITEM 39, 81, 82, ITEM 35, 84 & 85 USING SOLDER & HARDWARE. INSTALL ITEM 30, 85 & 86 USING DETAIL "A" ON SHEET 1.
5. ASSEMBLE ITEM 68, 70 AND 78 USING PROPER HARDWARE (9 PLACES) AS SHOWN ON SHEET 1.
6. INSTALL THERMOSTAT, ITEM 60, TO HEATSINK PLATE, ITEM 68, AS SHOWN ON SH. 1.
7. INSTALL ALL COMPONENTS TO CIRCUIT BOARD APPROX. AS SHOWN ON SHEET 1.

NOTE: UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES
 LINEAR ±.005
 ANGULAR ±.015
 SURFACE FINISH
 ALL MACHINED SURFACES
 FINISH

UNLESS OTHERWISE SPECIFIED	CONTRACT NUMBER
DIMENSIONS ARE IN INCHES	TERRACOM
TOLERANCES	ASSEMBLY DRAWING
LINEAR ±.005	POWER AMPLIFIER, M50B
ANGULAR ±.015	(A13)
SURFACE FINISH	SIZE: FSCM NO. DRAWING NUMBER
ALL MACHINED SURFACES	D 1054286 994513-00
FINISH	SCALE 2/1
DESIGN APPROVAL	SHEET 1 OF 3

7	ITEM	QTY	PROCD	USE	NEXT
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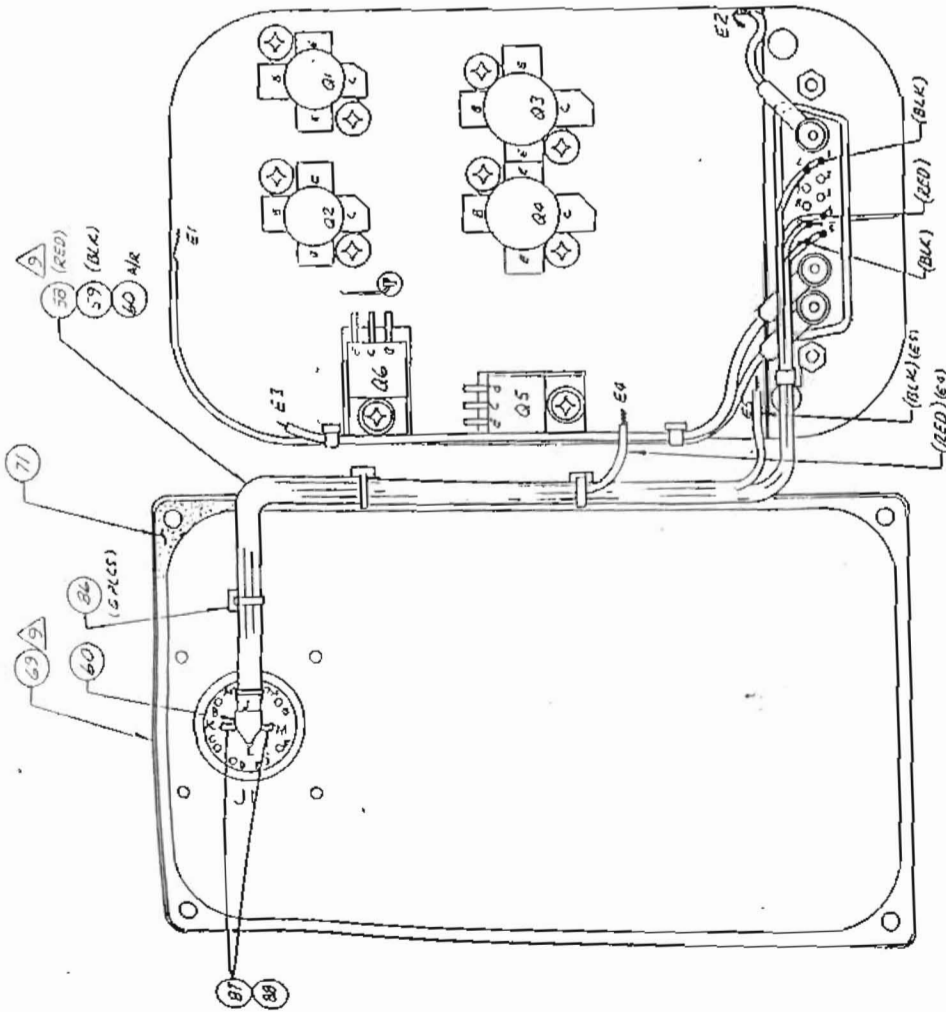
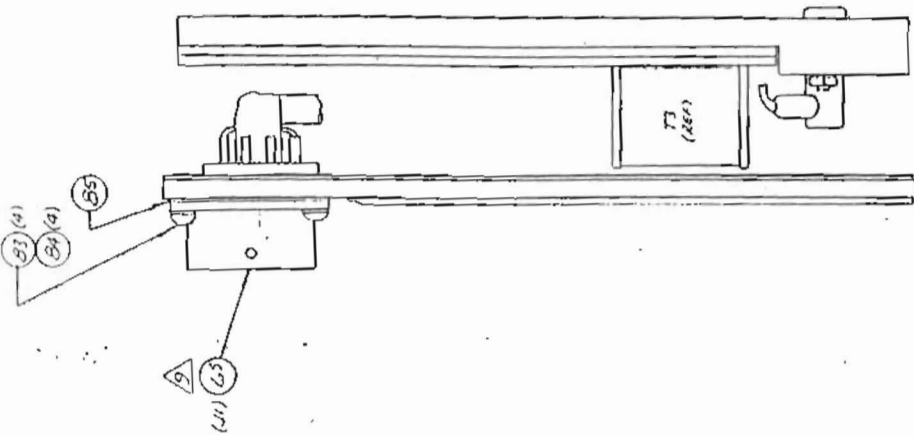
C



B

00-E15466

A



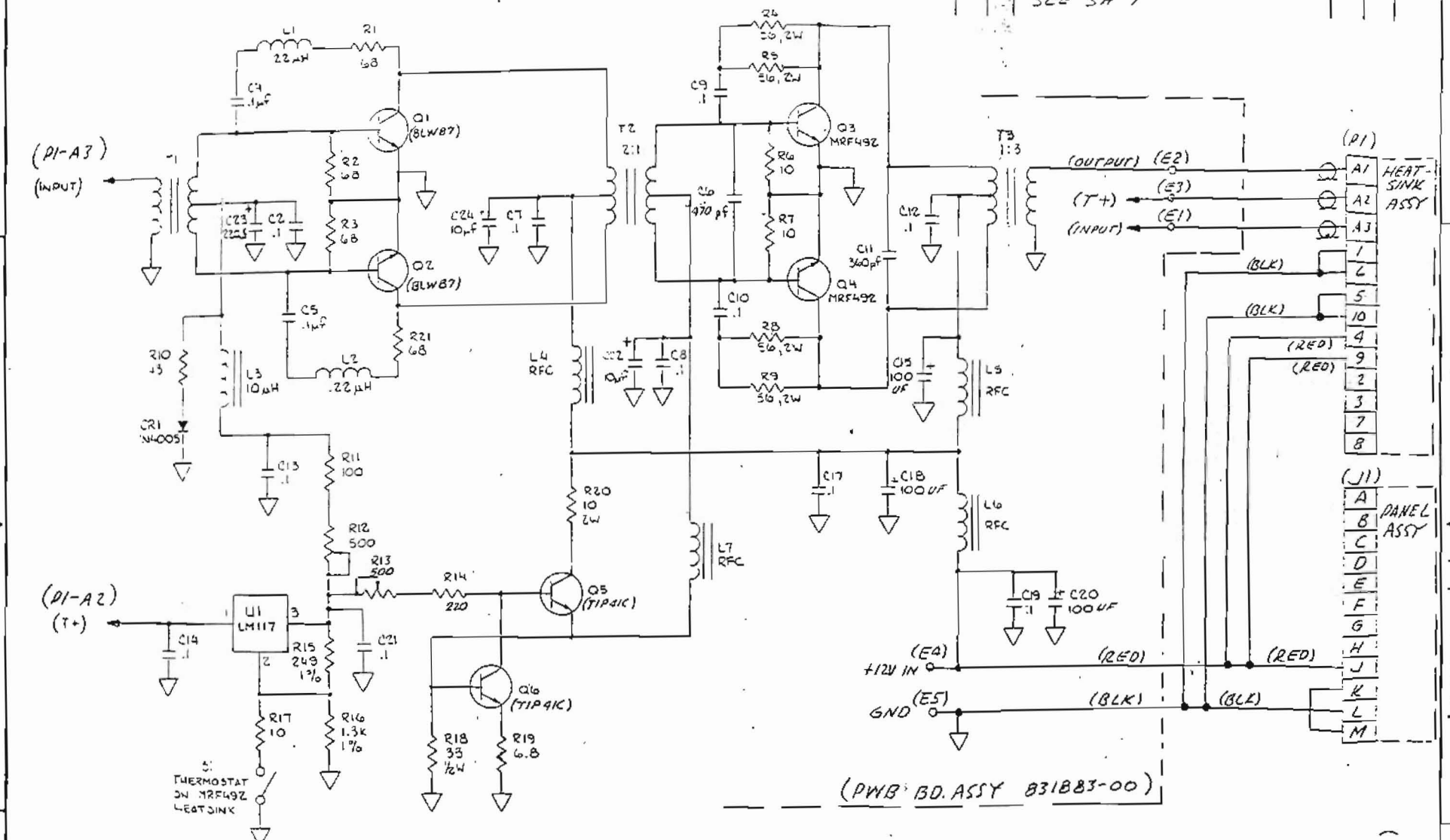
ALL COMPONENTS REMOVED ON PCB FOR CLARITY.

PROPRIETARY RIGHTS		PART NO. 118	
This drawing is the property of the United States Government and is not to be distributed outside the United States without the express written permission of the Department of Defense.		994513-00	
SHEET 2 OF 3		DRAWING NUMBER	
SCALE 2/1		994513-00	
D 054296		PART NO. 118	
SHEET 2 OF 3		DRAWING NUMBER	
994513-00		994513-00	

UNLESS OTHERWISE SPECIFIED

1 2 3 4 5 6 7 8

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
		SEE SH 1	



(P1-A2)
(T+)

U1 LM117

5: THERMOSTAT ON MRF492 LEFT SINK

(PWB) BD. ASSY 831883-00

HIGHEST REF. DES. USED	REF. DES. NOT USED
U1, S1, Q6, T3, L7, CR1, R21, C24, E5	C1, 3, 16

FOR PARTS LIST SEE SEPARATE B/M NUMBER

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWING NO. C-994513-00
TOLERANCES	CHECKER: [Signature]
LINEAR .125 .015	DESIGNER: [Signature]
ANGULAR .125	APPROVED BY: [Signature]
Holes per AND 10107	RELEASED BY: [Signature]
ALL MACHINED SURFACES	
FINISH: [Signature]	

SOUTHCOR INTERNATIONAL INC.
2210 MEYERS AVENUE
ESCONDIDO, CALIFORNIA 92025
U.S.A.

SCHEMATIC DIAGRAM, POWER AMPLIFIER (A13)

M508

SIZE	DRAWING NUMBER	REV
C	994513-00	A00
SCALE	NONE	SHEET 3 OF 3
CODE IDENT NUMBER 52427		

SEE SHEET 1.
NOTE: UNLESS OTHERWISE SPECIFIED

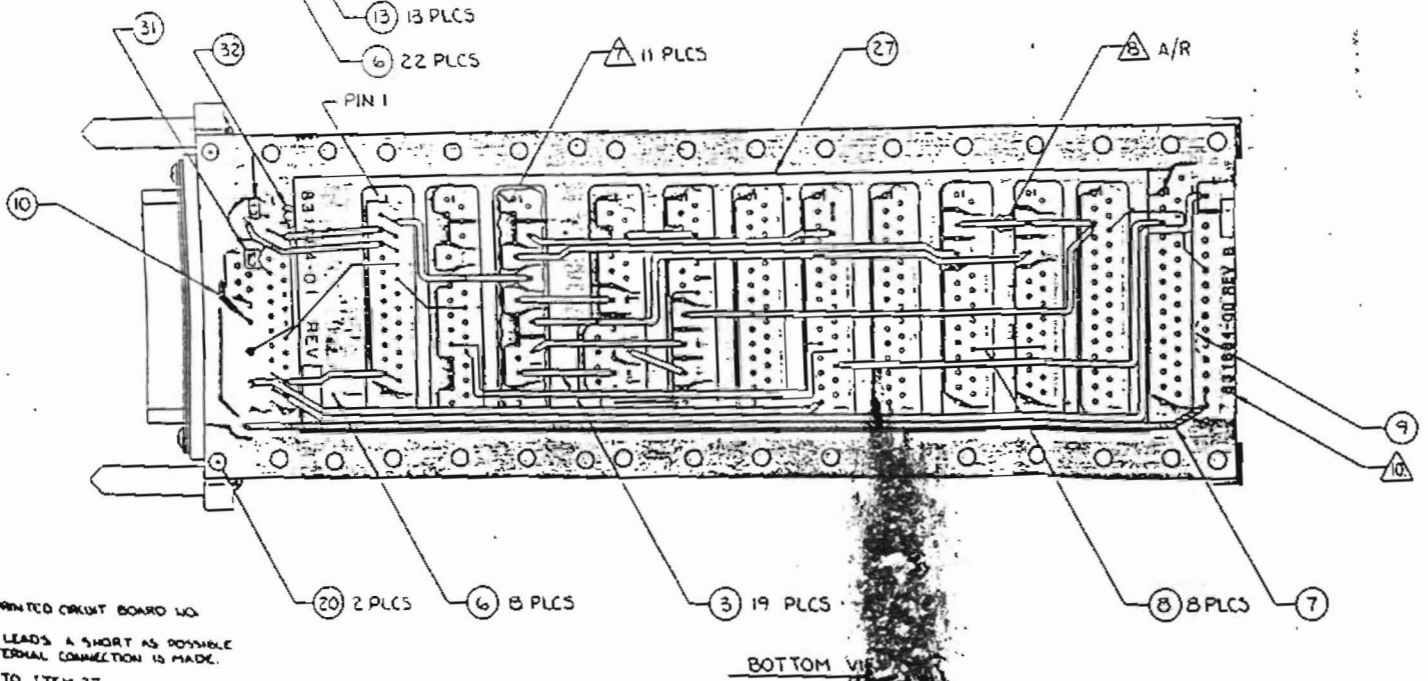
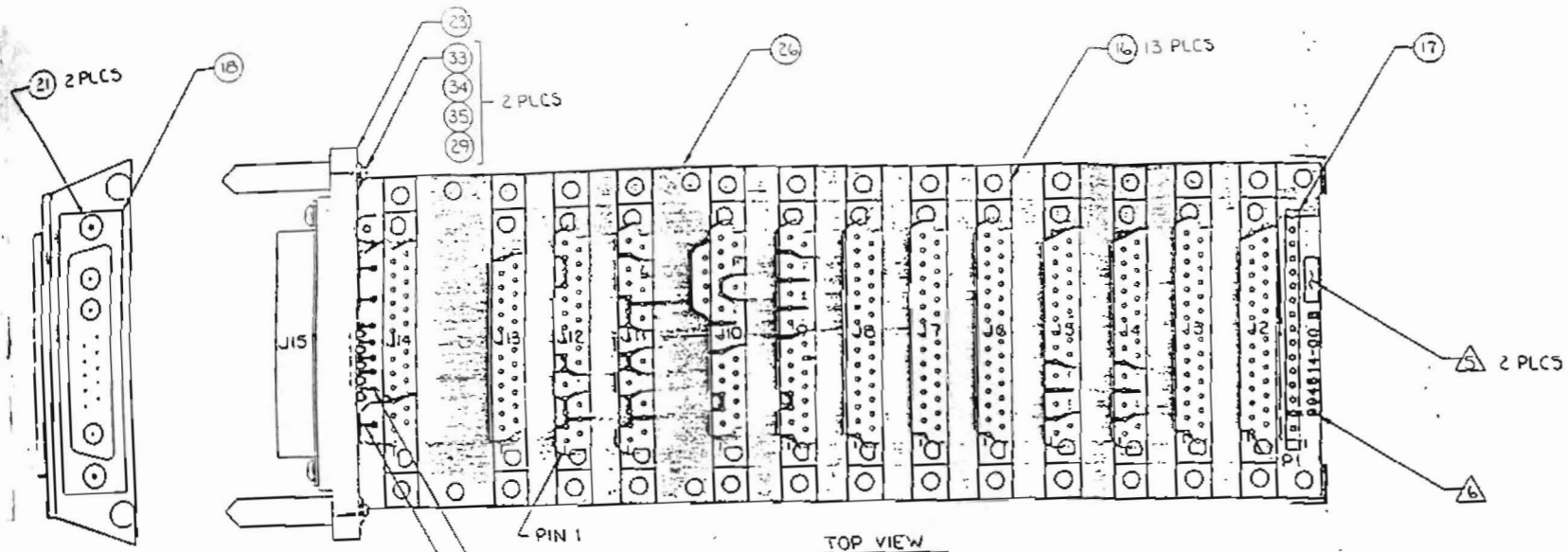
D
C
B
A

HEAT SINK ASSY
A1
A2
A3
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PANEL ASSY
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M

831883-00

CONTRACT NO.	DESCRIPTION	DATE	CHK	DATE	APPROVED
1000	PROD. REL PER DCN B6Z9	SRM	12/2/77	1A.CW	
1000	CHANGE PER DCN B6B9	27	08/23/78		



- 1. RUBBER STAMP PRINTED CIRCUIT BOARD NO.
- 2. FROM CONNECTOR LEADS A SHORT AS POSSIBLE EXCEPT WHEN EXTERNAL CONNECTION IS MADE.
- 3. WELDER ITEMS 3 TO ITEM 27.
- 4. WELDER ITEM 27 TO ITEM 26 SLOTTED AREAS.
- 5. RUBBER STAMP ASSEMBLY NO.
- 6. IDENTIFY WITH LATEST REVISION.
- 7. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
- 8. ALL DIMENSIONS ARE SPECIFIED IN MICROINCHES UNLESS OTHERWISE SPECIFIED.
- 9. DIMENSIONS IN WHOLE NUMBERS AND BY MICROINCHES UNLESS OTHERWISE SPECIFIED.
- 10. DIMENSIONS IN WHOLE NUMBERS AND BY MICROINCHES UNLESS OTHERWISE SPECIFIED.
- 11. DIMENSIONS IN WHOLE NUMBERS AND BY MICROINCHES UNLESS OTHERWISE SPECIFIED.

NOTE: UNLESS OTHERWISE SPECIFIED

SEE SEPARATE BOM

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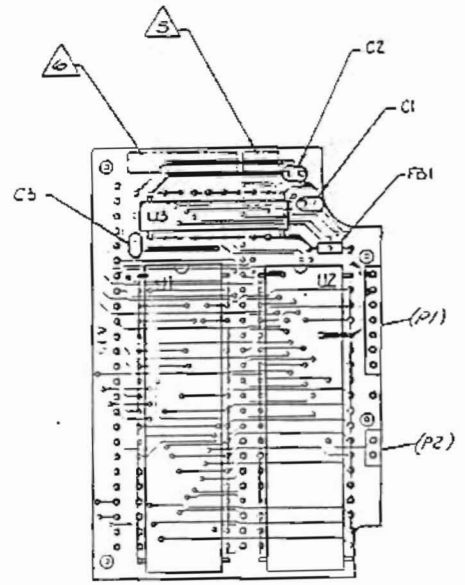
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CONTRACT NUMBER		TERRACOM	
TOLERANCES		DRAWN BY SRM		DATE 11-88	
LINEAR .005		CHECK BY [Signature]		DESIGNER	
ANGULAR .005		DESIGNER		MECH ENGR	
HOLE PER DIA		ELECT ENGR		PROJECT	
ALL MACHINED SURFACES		RELEASE		DESIGN ACTIVITY APPROVAL	
FINISH		DESIGN APPROVAL		ASSEMBLY DRAWING - (A14)	
				INTERCONNECT BOARD	
		SITE FSCM NO. D 054296		DRAWING NUMBER 994514-00	
		SCALE 2:1		SHEET 1 OF 2	

REVISION	DATE	BY	REASON
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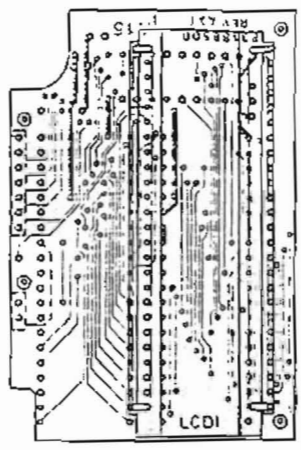
994514-00 Rev B
 1 of 2

994514-00 Rev B

A



TOP VIEW
(COMPONENT SIDE)



BOTTOM VIEW
(CIRCUIT SIDE)

- 8 MAX. COMPONENT HEIGHT IS 0.29 INCHES.
- 7. LEAD EXTENSIONS SHALL BE LESS THAN 0.03 INCHES.
- 6. IDENTIFY WITH PART NUMBER PER 16000933.
- 5. IDENTIFY WITH LATEST REVISION.
- 4. ALL DIMS ARE UNLESS OTHERWISE SPECIFIED.
- 3. DIM VALUES ARE SPECIFIED IN MICROINCHES.
- 2. CAPACITOR VALUES ARE SPECIFIED IN PICO FARADS WHEN REPRESENTED BY WHOLE NUMBERS, AND BY MICROFARADS WHEN REPRESENTED BY DECIMALS.
- 1. RESISTOR VALUES ARE SPECIFIED IN OHMS AND ARE 1/4W, 1%.

NOTE: UNLESS OTHERWISE SPECIFIED

REV	DESCRIPTION	DATE	QTY REQD	USED ON	NEXT ASST
7	SCHEMATIC				
6	SCHEMATIC				
5	SCHEMATIC				
4	SCHEMATIC				
3	SCHEMATIC				
2	SCHEMATIC				
1	SCHEMATIC				
0	SCHEMATIC				

UNLESS OTHERWISE SPECIFIED		CONTRACT NUMBER	
DIMENSIONS ARE IN INCHES		DRAWN BY: <i>[Signature]</i> P.J.D.	
LINEAR XX = .03 XXX = .010	ANGULAR IN D° 30'	CHECK BY: <i>[Signature]</i>	DESIGNER: <i>[Signature]</i>
ALL MACHINED SURFACES	FINISH: <i>[Symbol]</i>	PROJECT ENG: <i>[Signature]</i>	PROJECT: <i>[Signature]</i>
		RELEASE: <i>[Signature]</i>	DESIGN ACTIVITY APPROVAL: <i>[Signature]</i>
		DESIGN APPROVAL: <i>[Signature]</i>	
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TERRACOM <small>TELECOMMUNICATIONS CORPORATION</small>		ASSEMBLY DRAWING - DISPLAY BOARD, AIS	
SIZE: D	FSCM NO. 054298	DRAWING NUMBER: 994515-00	REV: 1/0
SCALE:		SHEET: 1	TOTAL SHEETS: 2

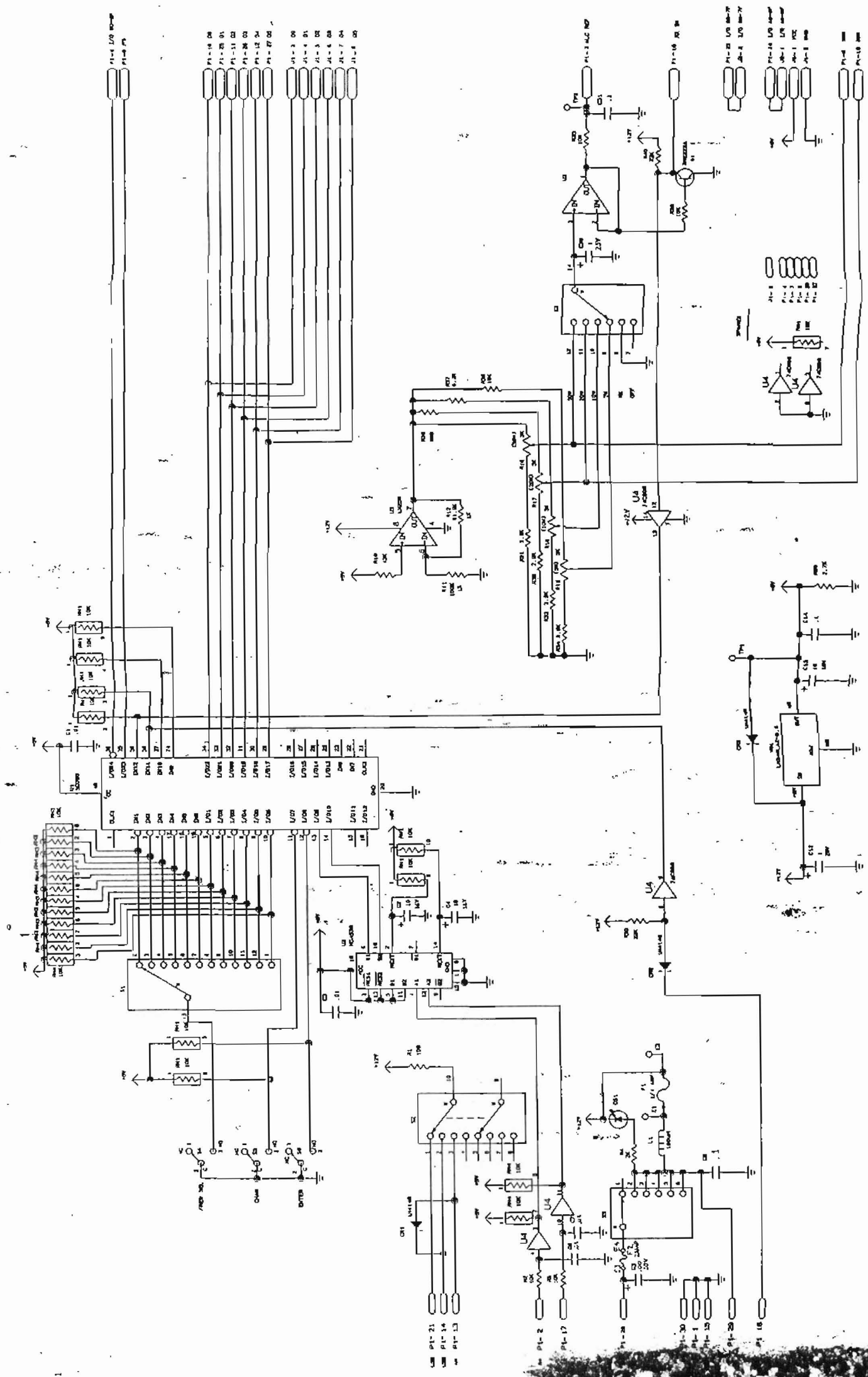
994515-00 1 OF 2

994515-00 1 OF 2

A

SIZE FSCM NO. DRAWING NUMBER PART NO. IIR
 D 054286 994516-00 0000 ADD
 SCALE 1:1 SHEET 2 OF 2

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OTHERWISE SPECIFIED

