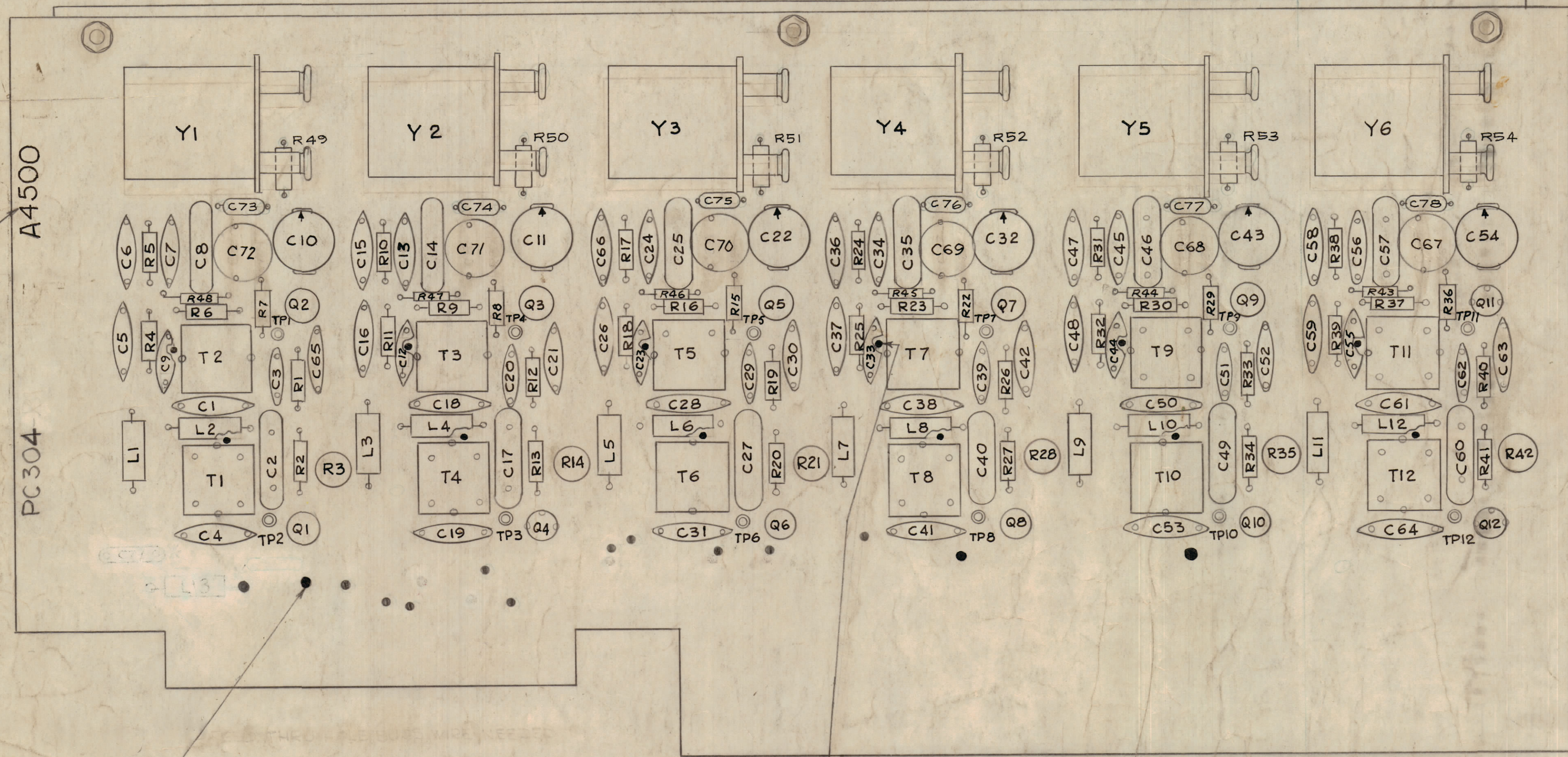


REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
	X	EXPERIMENTAL RELEASE	2-15-67		GDL	
	Ø	ORIG. RELEASE FOR PROD.	9-2-67		RG	
	A	ADDED CHG-(1)4	12-15-67	CC	155	
	B	REV & UPDATED	3/27/68	18827	KD	
	C	ADDR43 TO 54 & C73 TO 78	1-12-78	19706	KD	
	D	C79, L13 Added	9-5-77	21004	PH	
	E	SHEET 2 Added (A4500-1), L13, C79, L16, L17, L18	11-2-78	21835	PH	



STAMP TMC P/NO. 1/8 HIGH BLACK GOTHIC. COVER MARKING W/CLEAR LACQUER

ORIENTATION OF TRANSFORMER COLOR CODE DOT AS SHOWN

~ SYMBOL SERIES 500 ~

ASSEMBLY NOTICE

- 1- TO MOUNT COMPONENTS, INSERT LEADS THROUGH PLATED THRU-HOLES.
- 2- BE CAUTIOUS: WHEN APPLYING HEAT & SOLDER TO LEAD & FOIL
- 3- CLEAN AND INSPECT AS PER S676.
- 4- FOR ELECTRICAL COMPONENT PART NUMBERS REFER TO NPL A 4500 -
- 5- USE SYMBOL NUMBERS FOR ASSY REF.

R1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33, 34, 36, 37, 38, 39, 40, 41, 49, 50, 51, 52, 53, 54

R3, 14, 21, 28, 35, 42

T1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Q1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

L13 L1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Y1, 2, 3, 4, 5, 6

C2, 8, 14, 17, 25, 27, 35, 40, 46, 49, 57, 60, 73, 78

C10, 11, 22, 32, 43, 54

C1, 3, 4, 5, 6, 7, 9, 12, 13, 15, 16, 18, 19, 20, 21, 23, 24, 26, 28, 29, 30, 31, 33, 34, 36, 37, 38, 39, 41, 42, 44, 45, 47, 48, 50, 51, 52, 53, 55, 56, 58, 59, 61, 62, 63, 64, 65, 66, 79

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	17	BS100	SOLDER, TIN ALLOY	
36	16			
12	15	TS167-1	SOCKET, CRYSTAL	
6	14	SEE NOTE 4	RESISTOR, VARIABLE	
12	13		TRANSFORMER, RF, TUNED	
12	12		TRANSISTOR	
12	11		COIL, RF, FIXED	
6	10		CRYSTAL	
12	9		CAPACITOR, FIXED, MICA	
6	8		CAPACITOR, VARIABLE	
48	7	SEE NOTE 4	CAPACITOR, FIXED, CERAMIC	
1	6	MS6004 LD303A-2	*STIFFENER, PC BOARD	
3	5	NTH0440BN6	NUT, PLAIN HEX	
3	4	LWE04MRN	WASHER, LOCK EXT	
3	3	FW04HBN	WASHER, FLAT	
3	2	SCBP0440BN4	SCREW, MACHINE	
1	1	PC304	PRINTED CIRCUIT BOARD	

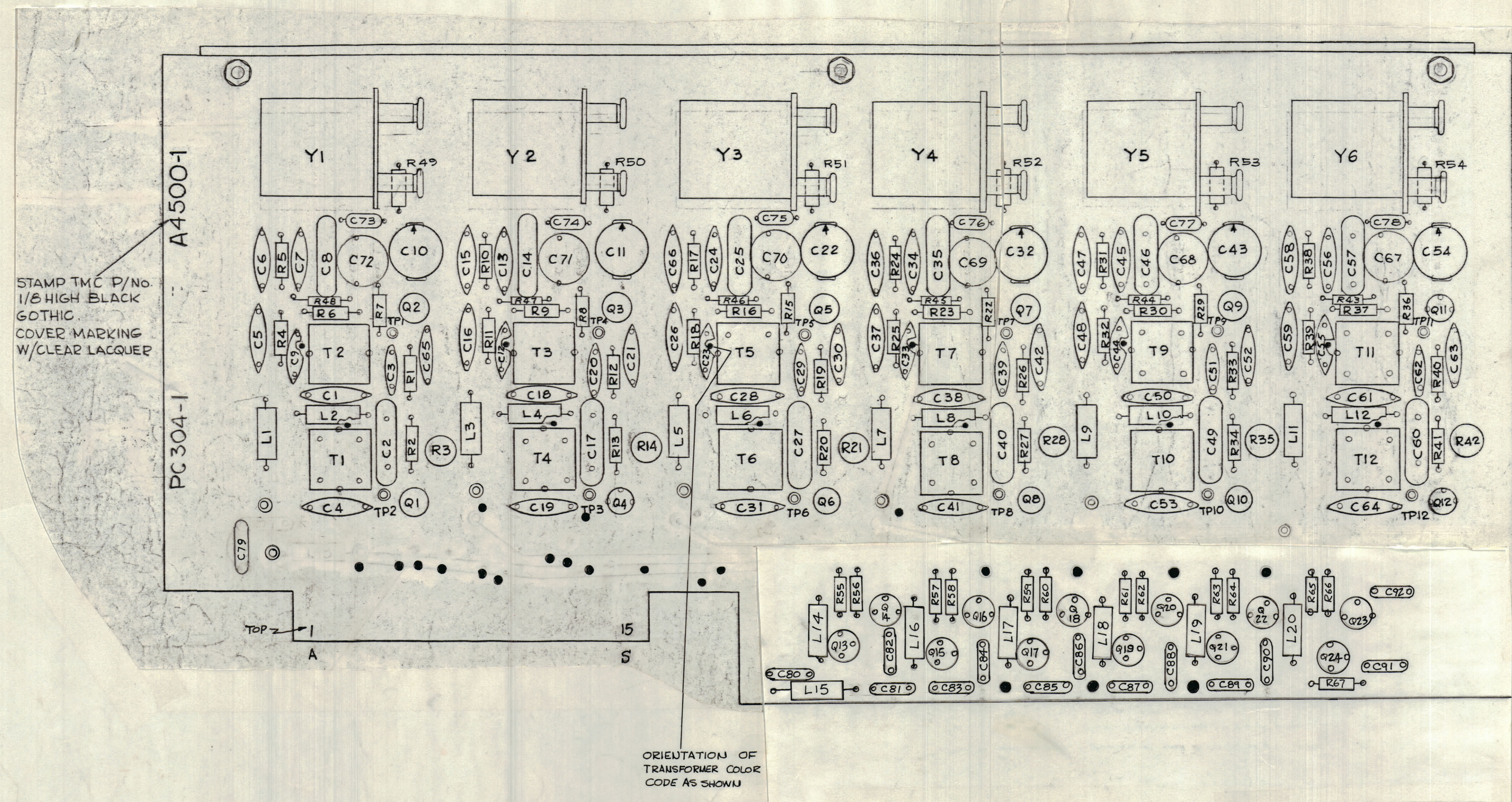
FINAL APPROVAL		DATE	THE TECHNICAL MATERIEL CORP.	
MECH. DES.		8-2-67	MAMARONECK, NEW YORK	
ELECT. DES.		8-2-67	ASSY, PRINTED CIRCUIT BD. COMB FILTER "A"	
CHECKED		8-1-67		
DRAWN		2-10-67	SIZE CODE IDENT NO DWG NO.	
M/L		8/2/67	D 82679 A 4500	
MATERIAL			ISSUE	
FINISH			E	
			SCALE 2:1 SHEET 1 OF 2	

QTY / UNIT	MODEL USED ON	ASS'Y NO.
	CHG-(1)4	Z102
	MMX-(1)	Z102
	VOX-7	Z102

APPLICATION	
CODE	S401-451

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REVISIONS						
E.M.N.O.	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE
21835	X			E	SHEET 2 of 2 Added for MMX-2B	12-1-80



A4500-1 (SHEET 2 of 2)  
USE FOR MMX-2B ONLY

- ASSEMBLY NOTES**
1. TO MOUNT COMPONENTS INSERT LEADS THROUGH HOLES.
  2. CAUTION, WHEN APPLYING HEAT & SOLDER TO LEAD & FOIL.
  3. CLEAN & INSPECT AS PER SPEC S676.
  4. FOR ELECTRICAL COMPONENT PART NUMBERS REFER TO NPL A
  5. USE SYMBOL NUMBERS FOR ASSY. REF.

1	MMX-2B SERIES	Z102
QTY / UNIT	MODEL USED ON	ASS'Y NO.
	APPLICATION	
	CODE	

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES ON  
DECIMALS  
X = .05  
XX = .01  
XXX = .005

FRACTIONS  
= 1/64  
ANGLES  
= 0° - 30'

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
FINAL APPROVAL		DATE		
MECH. DES.		DATE		
ELECT. DES.		DATE		
CHECKED		DATE		
DRAWN		DATE		
MATERIAL				
FINISH				
SCALE		SHEET 2 OF 2		

**THE TECHNICAL MATERIEL CORP.**  
MAMARONECK, NEW YORK

ASSEMBLY, PRINTED CIRCUIT BD.  
COMB FILTER "A"  
MMX-2B

SIZE	CODE IDENT NO.	DWG NO.	ISSUE
D	82679	A4500-1	E