

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO	DRAFT	CHKD	APPD
	X1	COMPLETELY REVISED	3-9-67		EME	CB	
	X2						
	X3	(3) TRANS DELETED, CKT REVISED	6-9-67	X3			
	X4	REVISED & REDRAWN	10-9-67	X4	GDL		
	X5	REVISED & UPDATED	12-14-67	X5	GDL		
	A	ORIGINAL RELEASE FOR PROD	12/14/67		JAD		
	B	POLARITY SYM ON CR1 REVERSED	5-9-68	18912	H3		
	C	REF. SYMBOL R50 WAS R18	7/13/72	20792	GE		
	D	L7, L8, C58 Added.	9-5-77	21601	GD	K.P.	
	D	R43 WAS 10K FIXED RES.	3/16/8	21835	GD	RL	

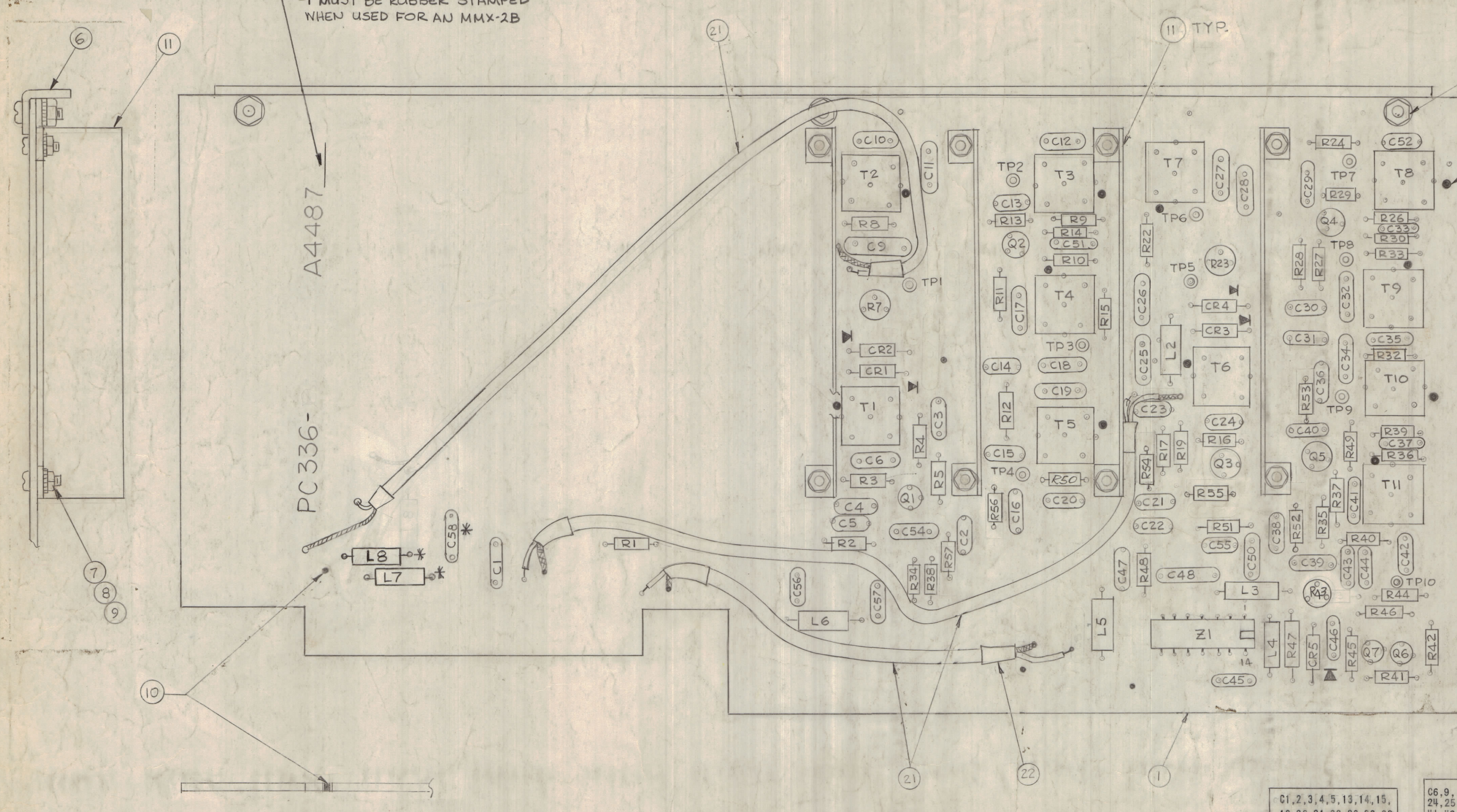
-1 MUST BE RUBBER STAMPED WHEN USED FOR AN MMX-2B

ORIENTATION OF TRANSFORMER COLOR CODE DOT AS SHOWN

NOTE  
 \* L7, L8, C58 WILL NOT APPEAR FOR AN MMX-2A SERIES (COMPONENTS EXIST ON CONNECTOR SIDE (J104)).  
 L7, L8, C58 WILL BE PRESENT FOR AN MMX-2B SERIES

A4487  
 MMX-2A SERIES

A4487-1  
 MMX-2B SERIES



R1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57.

C1, 2, 3, 4, 5, 13, 14, 15, 16, 20, 21, 22, 23, 29, 30, 31, 33, 36, 37, 38, 39, 40, 42, 43, 44, 45, 46, 47, 50, 51, 54, 55, 56, 57, 58

L2, 3, 4, 5, 6, 7, 8

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

Q1, 2, 3, 4, 5, 6, 7

QTY	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		X	22	PX830-18-1	INSULATION, SLEEVING SHRINK
		X	21	RG174/U	CABLE, RF
		I	20	SEE NOTE 4	
		4	19		NETWORK, DECADE COUNTER
		49	18		SEMI CONDUCTOR, DEVICE DIODE
		2	17		RESISTOR, FIXED COMPOSITION
		5	16		RESISTOR, VARIABLE
		19	15		COIL, RF FIXED
		34	14		CAPACITOR, FIXED MICA
		11	13		CAPACITOR, FIXED CERAMIC
		7	12		TRANSFORMER, RF
		4	11	MS5011	TRANSISTOR
		X	10	BS100	BRACKET, SHIELD
		3	9	NTH0256BN6	SOLDER, TIN ALLOY
		8	8	LWE02MRN	NUT, PLAIN HEXAGONAL
		8	7	SCBP0256BN4	WASHER, LOCK EXTERNAL
		I	6	MS6004/LB3094-A	SCREW, MACHINE
		3	5	NTH0440BN6	STIFFNER, PRINTED CIRCUIT BOARD
		3	4	LWE04MRN	NUT, PLAIN HEXAGONAL
		3	3	FW04HBN	WASHER, LOCK EXTERNAL
		3	3	FW04HBN	WASHER, FLAT
		3	2	SCBP0440BN4	WASHER, LOCK EXTERNAL
		I	1	PC336	SCREW, MACHINE
		I	1	PC336	PRINTED CIRCUIT BOARD

ASSEMBLY NOTES

1. TO MOUNT COMPONENTS INSERT LEADS THROUGH PLATED-THRU HOLES.
2. BE CAUTIOUS WHEN APPLYING HEAT & SOLDER TO LEAD AND FOIL;
3. CLEAN AND INSPECT AS PER SPEC. S676.
4. FOR ELECTRICAL COMPONENT PART NUMBERS REFER TO NPL A4487.
5. USE SYMBOL NUMBERS FOR ASSEMBLY REFERENCE.

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

1	CHG-( ) 4	
1	MMX-( )	
QTY / UNIT	MODEL USED ON	ASSY NO.
APPLICATION		
	CODE	

TOLERANCES ON  
 DECIMALS X ± .05 FRACTIONS ± 1/64  
 .XX ± .01 ANGLES ± 0° -30'  
 .XXX ± .005

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FINAL APPROVAL	DATE
MECH. DES.	DATE
ELECT. DES.	DATE
CHECKED	DATE
DRAWN	DATE

LIST OF MATERIAL  
 THE TECHNICAL MATERIEL CORP.  
 MAMARONECK, NEW YORK  
 ASSEMBLY, PRINTED CIRCUIT BD  
 MIXER DIVIDER(SINGLE)

SIZE	CODE IDENT. NO.	DWG. NO.	ISSUE
D	82679	A4487	D
SCALE			SHEET OF