

REVISIONS						
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD
#	X2	SEE SHEET 2 OF 2 REVISION "X2"	12/2/63	2	JL	AK
#	X3	SEE SHEET 2 OF 2 REVISION "X3"	12-3-63	3	JP	MP
#	X4	SEE SHEET 2 OF 2 REVISION "X4"	12/19/63	4	JP	MP
	O	ORIGINAL RELEASE FOR PRODUCTION	5/12/64	0	A.M.	@
C2	A	NOTE 4 - .050-.070 WIDE WAS .070 WIDE				
B7,9	A	1/16 R (4 CORNERS ADDED) NOTE ADDED TO A3168-1	7-22-64	11871	JP	@
	B	SEE SHEET 2 OF 2 REV. "B"	8-25-64	12050	JP	@
	C	SEE SHEET 2 OF 2 REV. "C"	10-30-64	12791	JP	@
	D	SEE SHEET 2 OF 2 REV. "D"	11-17-64	12946	JP	@
	E	SEE SHEET 2 OF 2 REV. "E"	12-16-64	13086	HCA	@
	F	SEE SHEET 2 OF 2 REV. "E"	12-22-64	17560	WHD	JP

ORIGINAL ARTWORK TO BE REMOVED FROM PROTECTIVE POCKETS WHEN PHOTOGRAPHING.

NOTE: DOUBLE POCKETS
3 INDIVIDUAL NEGATIVES
PRINTED CIRCUITRY
MARKING
PADS

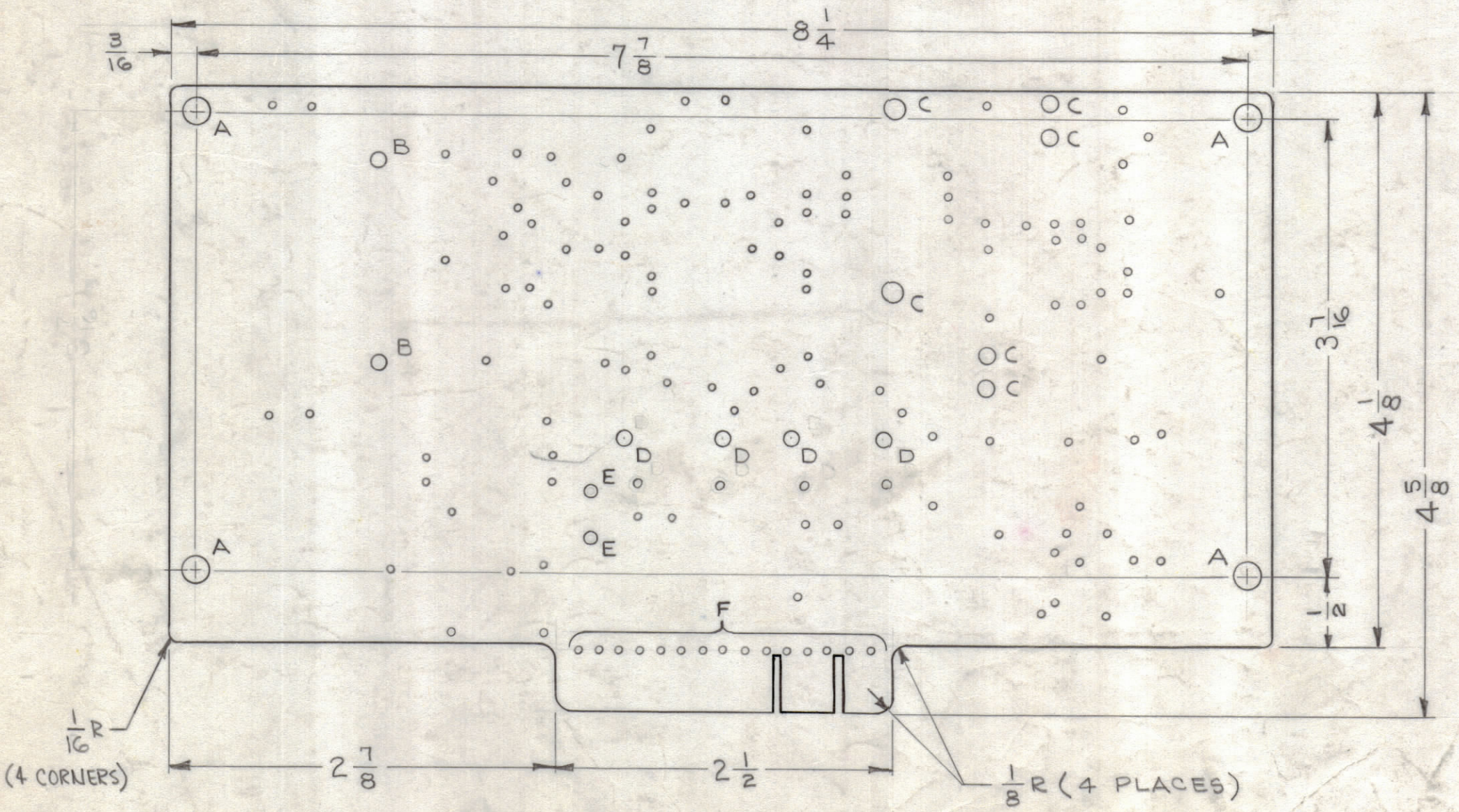
HOLE # PAD SPECIFICATIONS			
HOLE	DIA.	PAD DIA.	REQ.
UNMARKED	.052	.130	116
A	.196	.250	4
B	.140	NONE	2
C	.120	.130	6
D	.136	.250	4
E	.099	.130	2
F	.040	CONTACT FINGERS	15

NOTES: TO BE MANUFACTURED IN ACCORDANCE WITH TMC SPEC. S-735 UNLESS OTHERWISE SPECIFIED.

- MATERIAL - G-10 EPOXY GLASS LAMINATE 3/32 THICK, 2 OUNCE COPPER CLAD BOTH SIDES.
- ALL BOARDS WILL BE DOUBLE-SIDED. WHENEVER A PAD APPEARS ON THE PRINTED CIRCUIT SIDE, A SIMILAR SIZE AND SHAPE SHALL APPEAR ON THE COMPONENT SIDE IN EXACT REGISTER. (EXCEPT WHERE AN EXCEPTION IS NOTED).
- FINGER CONTACTS SHALL ALSO APPEAR ON THE COMPONENT SIDE OF BOARD AND SHALL BE CONNECTED WITH A .040 DIA. PLATED-THRU HOLE LOCATED IN THE CENTER OF EACH FINGER CONTACT .050" AWAY FROM THE MAIN BODY OF BOARD.
- THE PRINTED CIRCUIT BOARDS SHALL BE KEYED WITH SLOTS .050-.070" WIDE & .400" HIGH LOCATED BETWEEN FINGER CONTACTS 10 & 11, 13 & 14 AS VIEWED FROM COMPONENT SIDE OF BOARD.
- (A) ALL HOLES EXCEPT "A" MTG. HOLES ARE TO BE PLATED-THRU WITH MINIMUM COPPER PLATING THICKNESS OF .001.
(B) PLATE .0003 TO .0005 NICKEL & 25 MILLIONTHS MINIMUM OF GOLD ALL ETCHED SURFACES AND PLATED-THRU HOLES.

THE ORIGINAL ARTWORK TO BE SUPPLIED BY TMC FOR PHOTOGRAPHING (SCALE 1:1)

ETCHING, PRINTED CIRCUIT (A 3168-1)



MACHINING (A 3168-2)
DO NOT SCALE DRAWING WORK TO DIMENSIONS

NOTES

1	VLR-1	AX-424
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	
1:1	A	

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
M. GELLMAN LIST OF MATERIAL				
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
FINISH		TITLE PRINTED CIRCUIT BOARD, ASSEMBLY (BFO MODULE)		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN	DATE	FINAL APPROVAL
DECIMALS		9-13-63	DATE	DATE
FRACTIONS		5-8-64	DATE	DATE
TOLERANCES		A 3168		F
ANGLES		SHEET		REV. LTR.
± .05		1 OF 2		
± .01				
± .005				
± 1/64				
± 0° 30'				

A 3168 F