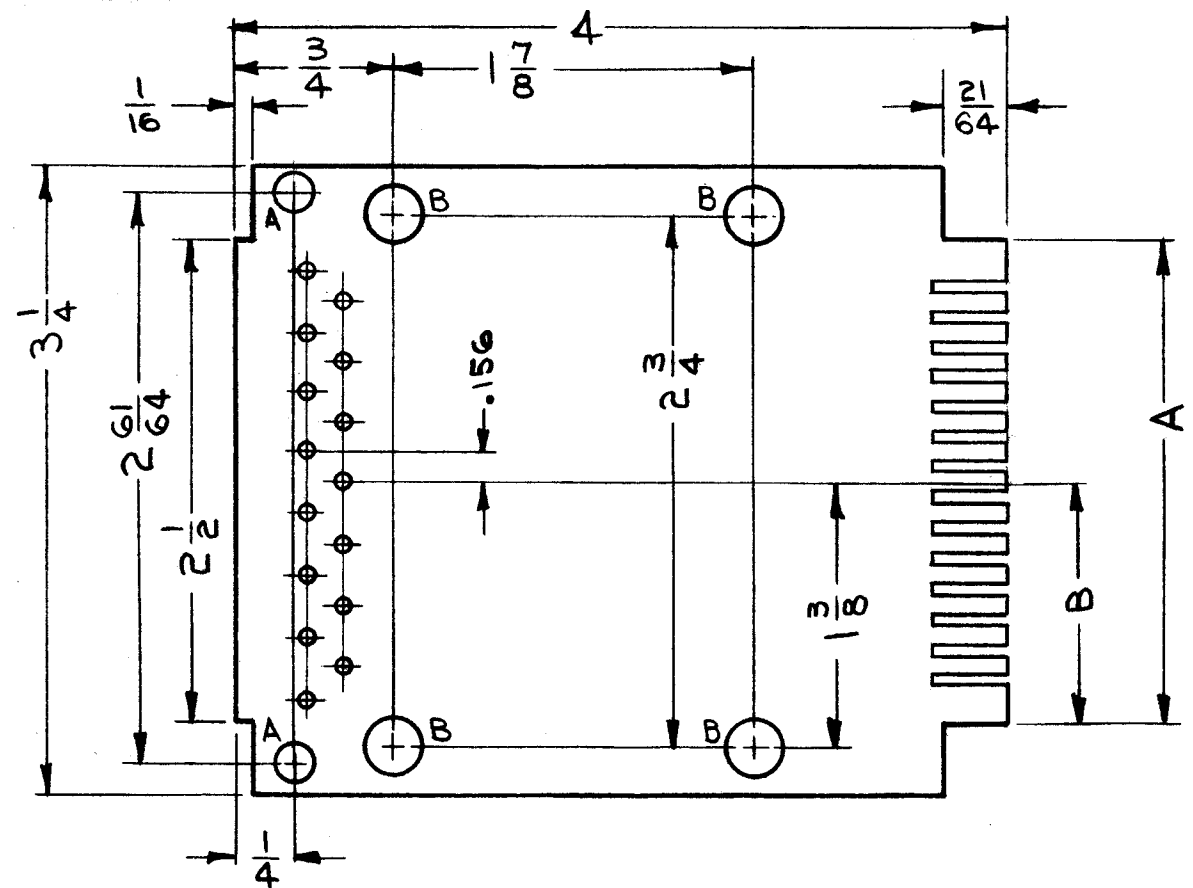


ORIGINAL ARTWORK TO BE REMOVED FROM PROTECTIVE POCKETS WHEN PHOTOGRAPHING.

A-3304 C

ETCHING, PRINTED CIRCUIT (A-3304-1)



MACHINING (A-3304-2)

- DO NOT SCALE, WORK TO DIMENSIONS -

NOTES

2	VLR-1, LFS-1	
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE 1:1	CODE A	
THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.		

REVISIONS

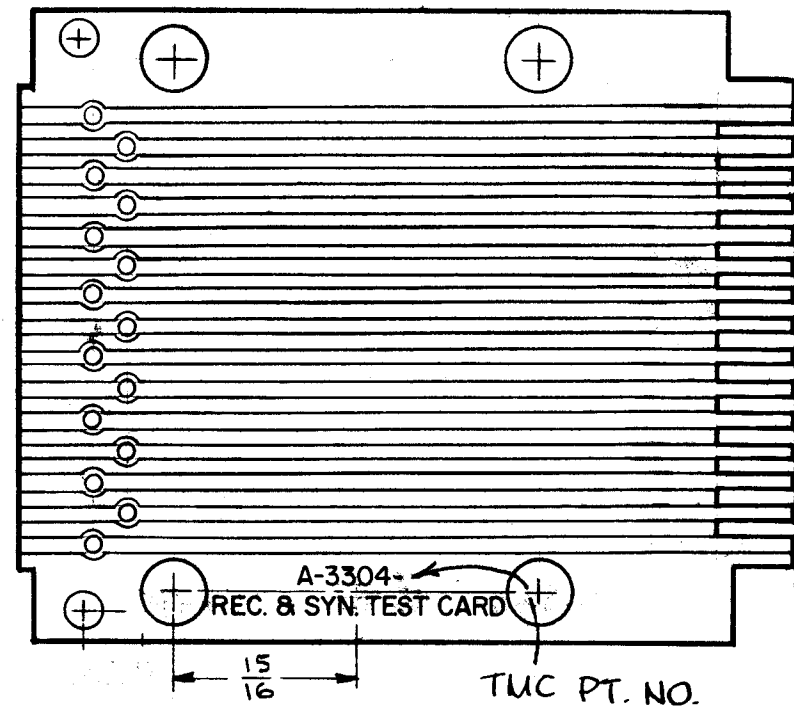
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X2	SHEET 1 OF 2 REDRAWN W/CHANGES; SEE SHEET 2, X2	3-18-64	2	G.P.		
O	ORIGINAL RELEASE FOR PRODUCTION	5-14-64	0	A.M.		
A	SPEC 3, PER S-735 ADDED, "B" THICKNESS WAS 3/32, SPEC & ADDED.	5-26-64	14098	E		
B	NOTE 6 COMPLETELY REVISED. (SEE SHEET 2)	8/17/65	14671	H.V.		
C	(1) B-Hole on Artwork Clarified (SEE SH 2)	11-2-65	15114	RA		

HOLE & PAD SPECIFICATIONS			
HOLE	PAD	PAD DIA.	REQ.
UNMARKED	.080	.140	15
A	11/64	NONE	2
B	5/16	NONE	4

- 1-DIMENSION-A-TO MATE WITH PRECISION CONNECTOR, INC. (CONNECTOR, #65-093-15).
- 2-DIMENSION-B-TO BE LOCATED IN CENTER OF PIN #8 OF ABOVE CONNECTOR.
- 3-BOARD SPECIFICATIONS: (PER S-735)
 - A-BASE MATERIAL-EPOXY G-10.
 - B-THICKNESS-3/32
- 4-PLATING SPECIFICATIONS:
 - A-BOARD TO BE PLATED ON BOTH SIDES.
 - B-COPPER FOIL, 2 OUNCES, NICKEL PLATE .0002 TO .0003.
 - C-FINISH GOLD PLATE 20 TO 25 MILLIONTHS
- 5-THE PRINTED CIRCUIT BOARD SHALL BE KEYED WITH SLOTS .070" WIDE AND .400" HIGH, LOCATED BETWEEN ALL FINGERS.
- *6 THIS BOARD IS TO BE USED ONLY FOR SPARE PARTS ON MODELS VLRA-1, LFS-1, & LFSB-1, SERIAL NOS. 16836 THRU 16861, 17625 THRU 17655, 19192 THRU 19498. SEE PC 228 & A4324 FOR NEW 1/16 THICK BOARDS.

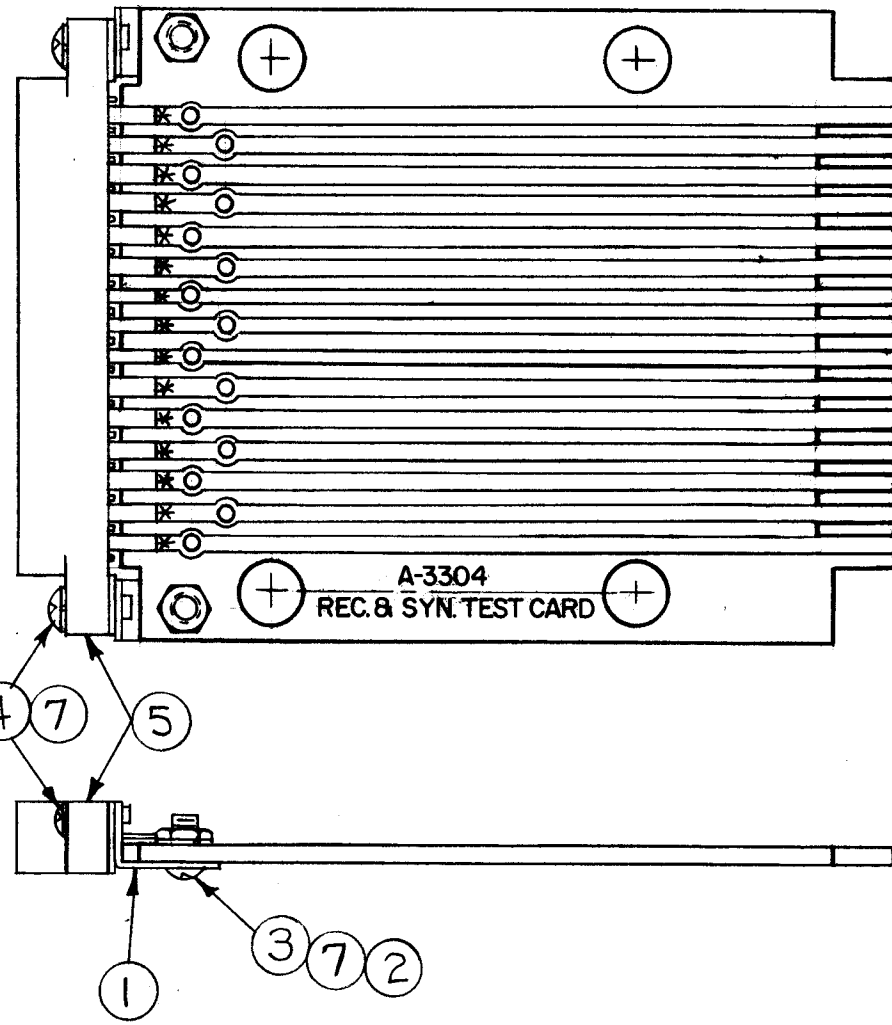
ORIGINAL ARTWORK TO BE SUPPLIED BY TMC FOR PHOTOGRAPHING (SCALE 1:1)

REQ'D.	ITEM	PART NUMBER	DESCRIPTION
GELLMAN LIST OF MATERIAL			
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH		TITLE PRINTED CIRCUIT BOARD, ASS'Y. (REC. & SYN. TEST CARD)	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN <i>G. Penan</i> DATE 3-18-64 CHECKED <i>@</i> DATE 5-22-64 ELECT. DES. <i>MW</i> DATE 5-22-64 MECH. DES. DATE	FINAL APPROVAL <i>[Signature]</i> DATE A-3304 C SHEET 1 OF 2 REV. LTR.
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	



- UNLESS OTHERWISE SPECIFIED-
- 1- LETTERING TO BE 3/32 HIGH, BLACK GOTHIC.
 - 2- MARKING PROCESS AS PER SPEC S-727.
 - 3- ALL LETTER GROUPS, 1/16" SPACING.
 - 4- MARK TUC PT. NO. W/LATEST REVISION LETTER.

MARKING
(A-3304-3)



-ELECTRICAL ASSY-
(A-3304-4)

* SOLDER CONTACTS TO PRINTED CIRCUIT BOARD AS INDICATED.

2	VLR-1, LFS-1	ASS'Y. NO.
Q'TY./UNIT	MODEL USED ON	
SCALE 1:1	CODE A	

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

NOTES

A-3304 C

REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X1	ITEM (7) ADDED; SEE SHEET 1 OF 2	2/20/64	1	JP		
X2	SLOTS ADDED, SEE SHEET 1, "X2"	3/18/64	2	JP		
O	ORIGINAL RELEASE FOR PRODUCTION	5-11-64	O	A.M.		
A	SEE SHEET ①	5/26/64	14096	JP		
B	IT. 5 WAS JJ 293-15'S (SEE SHEET NO. 1)	8/17/65	14671	AVV		
C	NOTE 4 ADDED (SEE SHEET 1)	11-2-65	15114	RU		

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
4	7	LWS06MRN	LOCKWASHER, SPLIT	
X	6	BS-100	SOLDER, SOFT	
1	5	IJ293-15SFE	CONNECTOR, RECEPTACLE	
2	4	SCBPO632BNG	SCREW, MACHINE	
2	3	SCBPO632BN4	SCREW, MACHINE	
2	2	NTH0632BN8	NUT, HEX.	
2	1	TE-167	LUG, ANGLE, THREADED	

M. GELLMAN LIST OF MATERIAL																						
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK																				
FINISH		TITLE PRINTED CIRCUIT BOARD, ASSY. (REC & SYN TEST CARD)																				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		<table border="1"> <tr> <td>DRAWN <i>G. Jensen</i></td> <td>DATE 10-1-63</td> <td colspan="2">FINAL APPROVAL</td> <td>DATE</td> </tr> <tr> <td>CHECKED <i>JP</i></td> <td>DATE 5-22-64</td> <td colspan="2"></td> <td></td> </tr> <tr> <td>ELECT. DES. <i>JP</i></td> <td>DATE 5-22-64</td> <td colspan="2">A-3304</td> <td>C</td> </tr> <tr> <td>MECH. DES. <i>JP</i></td> <td>DATE 5-7-64</td> <td colspan="2">SHEET 2 OF 2</td> <td>REV. LTR.</td> </tr> </table>	DRAWN <i>G. Jensen</i>	DATE 10-1-63	FINAL APPROVAL		DATE	CHECKED <i>JP</i>	DATE 5-22-64				ELECT. DES. <i>JP</i>	DATE 5-22-64	A-3304		C	MECH. DES. <i>JP</i>	DATE 5-7-64	SHEET 2 OF 2		REV. LTR.
DRAWN <i>G. Jensen</i>	DATE 10-1-63	FINAL APPROVAL		DATE																		
CHECKED <i>JP</i>	DATE 5-22-64																					
ELECT. DES. <i>JP</i>	DATE 5-22-64	A-3304		C																		
MECH. DES. <i>JP</i>	DATE 5-7-64	SHEET 2 OF 2		REV. LTR.																		
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'																				