



A 3278

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
J	SEE SHEET 2 OF 2 REV "J"	6-9-63	14222	JC	

HOLE	DIA	PAD DIA	REQD	PLATE THRU
UNMARKED	.060	.120	62	YES
A	.078 $\pm .002$.160	18	NO
B	.034	.120	12	YES
C	.140	NONE	1	NO
D	.078 $\pm .002$	NONE	1	YES
E	5/32	NONE	4	NO
F	.089	.172	4	YES

← ORIGINAL ART WORK TO BE REMOVED FROM PROTECTIVE POCKET WHEN PHOTOGRAPHING.

← A 3278-1 ETCHING

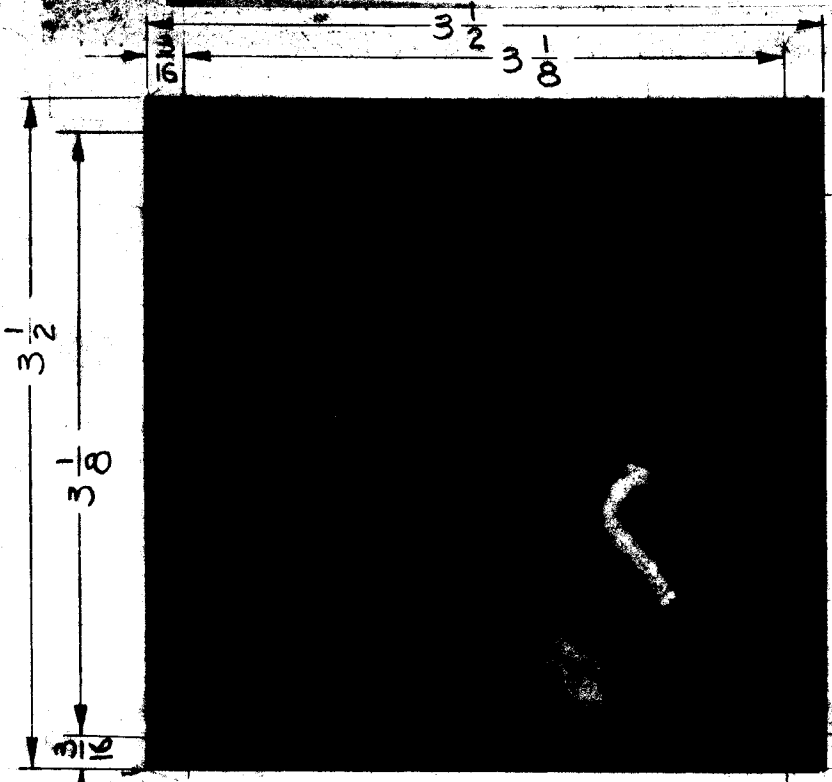
~ SPECIFICATIONS ~

BASE MATERIAL — EPOXY G-10, 3/32 THK
 FINISH — SEAL ALL EDGES
 COPPER FOIL — .0027 MIN. THK (2oz.)
 PLATING — TIN LEAD, ALL CONDUCTORS MIN. THK. .0008

~ NOTES ~

- LETTER DESIGNATIONS SHOWN ON CIRCUIT DENOTE HOLE SIZE — DO NOT PRINT —
- HOLE AS NOTED ON CHART ARE TO BE PLATED THRU. ALL PLATED THRU HOLES MUST HAVE A MINIMUM COPPER THICKNESS OF .0015 AT ANY POINT WITHIN THE HOLE.
- SOLDER PLATING TO BE AS PER TMC SPEC. S-735.

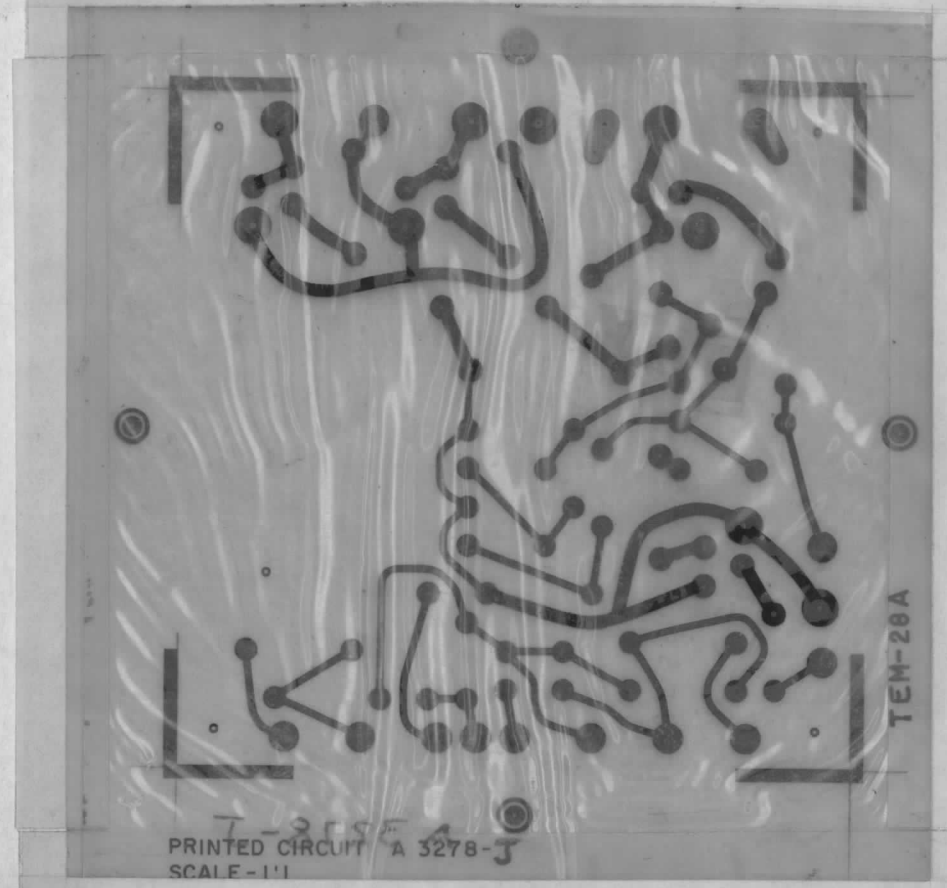
THE ORIGINAL ART WORK TO BE SUPPLIED BY TMC FOR PHOTOGRAPHING (SCALE 1:1)



A 3278-2 MACHINING

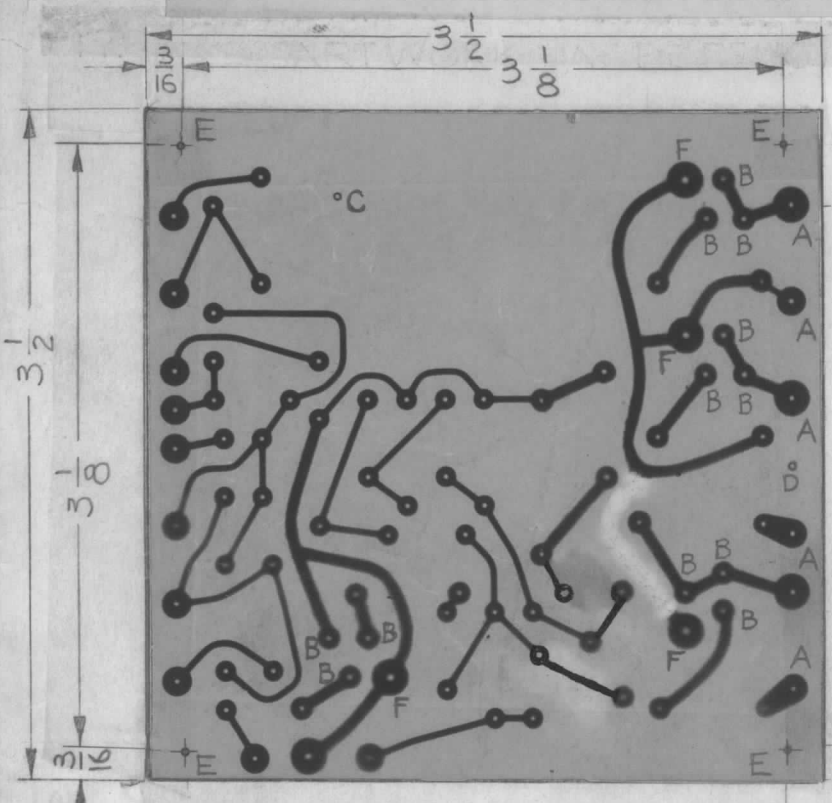
REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
KOHN LIST OF MATERIAL				
MATERIAL		SEE NOTES	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH		SEE NOTES	TITLE PRINTED CIRCUIT BD. ASSY CW OSCILLATOR	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN <i>Adami</i>	DATE 8-29-63	FINAL APPROVAL <i>BP</i>
		CHECKED <i>Joe</i>	DATE 9-11-63	
		ELECT. DES. R. KOHN	DATE 9-11-63	A 3278
		MECH. DES. R. KOHN	DATE 9-11-63	SHEET 1 OF 2

1	TTR-10	
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE NONE	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.		
DECIMALS .X ± .05 .XX ± .01 .XXX ± .008	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'



← ORIGINAL ART WORK TO BE REMOVED FROM PROTECTIVE POCKET WHEN PHOTOGRAPHING.

← A 3278-1 ETCHING



A 3278-2 MACHINING

A 3278 J

REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
J	SEE SHEET 2 OF 2 REV "J." 2 OF 2	6-9-66	14222	JC		
B	ARTWORK REV. HOLES AFTER B HOLE REV, UNMARKED HOLES WAS 62 REQ'D	8-22-64	11492	NP		
C	ARTWORK MODIFIED	8-22-64	11999	NP		
D	SEE SHEET 2 OF 2 REV "D"	9-2-64	12293	NP		
E	SEE SHEET 2 OF 2 REV "E"	10-27-64	12713	NP		
F	SEE SHEET 2 OF 2 REV "F"	2-12-65	13298	NP		
G	SEE SHEET 2 OF 2 REV "G"	3-10-65	13699	NP		
H	SEE SHEET 2 OF 2 REV "H"	4-1-65	14222	NP		

HOLE	DIA	PAD DIA	REQD	PLATE THRU
UNMARKED	.060	.120	62	YES
A	.078 $\pm .002$.160	18	NO
B	.034	.120	12	YES
C	.140	NONE	1	NO
D	.078 $\pm .002$	NONE	1	YES
E	5/32	NONE	4	NO
F	.089	.172	4	YES

~ SPECIFICATIONS ~

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- FINISH — SEAL ALL EDGES
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- PLATING — TIN LEAD, ALL CONDUCTORS MIN. THK. .0008

~ NOTES ~

1. LETTER DESIGNATIONS SHOWN ON CIRCUIT DENOTE HOLE SIZE — DO NOT PRINT —
2. HOLES AS NOTED ON CHART ARE TO BE PLATED THRU. ALL PLATED THRU HOLES MUST HAVE A MINIMUM COPPER THICKNESS OF .0015 AT ANY POINT WITHIN THE HOLE.
3. SOLDER PLATING TO BE AS PER TMC SPEC. S-735.

THE ORIGINAL ART WORK TO BE SUPPLIED BY ITMC FOR PHOTOGRAPHING (SCALE 1:1)

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
KOHN LIST OF MATERIAL				
MATERIAL		SEE NOTES	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH		SEE NOTES	TITLE PRINTED CIRCUIT BD. ASSY CW OSCILLATOR	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN <i>Adams</i>	DATE 8-29-63	FINAL APPROVAL <i>BP</i>
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		CHECKED <i>file</i>	DATE 9-11-63	
FRACTIONS ± 1/64 ANGLES ± 0° 30'		ELECT. DES. <i>R. KOHN</i>	DATE 9-11-63	A 3278
TOLERANCES		MECH. DES. <i>R. KOHN</i>	DATE 9-11-63	J
			SHEET 1 OF 2	REV. LTR.

1	TTR-10	A
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE NONE	CODE A	
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