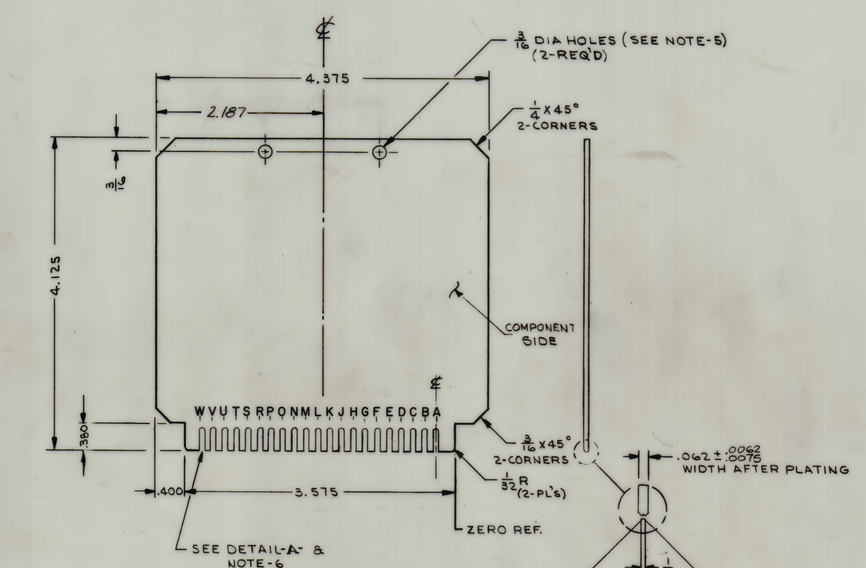
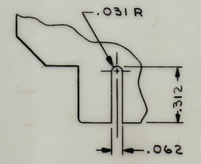
PART NUMBER	DESCRIPTION	KEY COMBINATION 1st SLOT	DIM. FROM ZERO REF.	2nd SLOT	DIM. FROM CENTER LINE 1ST SLOT	NUMBER OF UNMARKED HOLES
PC249	SHIFT REGISTER	A	.228	C	..312	161
PC251	TIMING CKT.	A	↑	D	.468	112
PC252	GATING CKT.	A		E	..624	154
PC254	RELAY CKT.	A		F	..780	86
PC256	MEMORY GATING CKT.	A		G	..936	167
PC257	GATING CKT.	A		H	1.092	167
PC258	GATING CKT.	A		J	1.248	178
PC259	SHIFT REGISTER	A	↓	K	1.404	178
PC260	SHIFT REGISTER	A	.228	L	1.560	167
PC261	GATING CKT.	B	.384	D	.312	
PC262	SHIFT REGISTER & EQUIPMENT SELECT	B	↑	E	.468	178
PC263	TIMING CKT., INPUT	B		F	.624	145
PC264	GATING CKT., INPUT	B	↓	G	.780	162
PC277	TIMING CKT., SET-RESET	B	.384	H	.936	153
PC280	GATING CKT.	C	.540	E	.312	
PC281	SHIFT REGISTER	C	↑	F	.468	
PC282	POWER SUPPLY +12V, -12V	C	↓	G	.624	
PC283	TIMING CKT.	C	.540	H	.780	
PC266	RELAY CKT	A	.228	C	.312	
PC297	JUMPER CKT	A	.228	D	.468	
PC312	GATING CKT	A	.228	D	.468	
PC313	MEMORY GATING CKT	A	.228	D	.468	
PC314	MEMORY GATING CKT	A	.228	D	.468	
PC315	GATING CKT	A	.228	E	.628	
PC331	RELAY CKT	D	.696	F	.312	
PC332	SHIFT REGISTER	D	.696	G	.468	
PC333	SHIFT REGISTER	D	.696	H	.624	
PC290	GATING CKT	B	.384	D	.312	
PC316	KEYER	A	.228	F	.780	
PC317	GATING CKT	A	.228	G	.936	
PC318	TIMING CKT	A	.228	H	1.092	
PC319	TIMING CKT	A	.228	J	1.248	
PC320	MEMORY/LAMP DRIVER	A	.228	K	1.404	
PC328	RELAY CKT	NOT REQUIRED				
PC345	POWER SUPPLY	B	.384	D	.312	
PC346	POWER SUPPLY	B	.384	E	.468	
PC347	GATING CKT	B	.384	F	.624	
PC350	POWER SUPPLY	A	.228	L	1.560	
PC351	POWER SUPPLY	A	.228	M	1.716	
PC352	POWER SUPPLY	B	.384	D	.312	
PC357	TIMING CKT	B	↓	E	.468	
PC358	SHIFT REGISTER	B		F	.624	
PC359	GATING CKT	B		G	.780	
PC360	SHIFT REG (INTEGRATED)	B		H	.936	
PC361	SHIFT TIMING CKT	B	↓	J	1.092	
PC362	MEMORY (DUAL) CKT	B	.384	K	1.248	
PC367	DUAL COMPARATOR	A	.228	C	.312	
PC368	BAND SWITCHING	A	.228	D	.468	
PC363	DECODING CKT	A	.228	E	.628	
PC364	SCR GATING CKT	A	.228	F	.780	
PC371	DECODING CKT	A	.228	G	.936	
PC375	GATING CKT	B	.384	E	.468	
PC374	POWER SUPPLY	B	.384	D	.312	
PC376	POWER SUPPLY	A	.228	H	1.092	
PC378	POWER SUPPLY	A	.228	J	1.248	
PC379	POWER SUPPLY	A	.228	K	1.404	

PART NUMBER	DESCRIPTION	KEY COMBINATION 1st SLOT	DIM. FROM ZERO REF.	2nd SLOT	DIM. FROM 1st SLOT	NUMBER OF UNMARKED HOLES
PC386	SERVO/CKT	A	.228	L	1.560	
PC387	SERVO/CKT	A	.228	M	1.716	
PC396	DUAL MEMORY CKT	A	.228	D	.468	
PC311	MASTER LEDEX	3/16 DIA. HOLES, SLOTING NOT REQ.				
PC438	RELAY CKT	A	.228	E	.628	
PC453	CHANNEL SELECT CKT	A	.228	D	.468	
PC456	SHIFT REG (INTEGRATED)	A	.228	D	.468	
PC458	H.V. ON, OFF CKT	A	.228	L	1.560	
PC514	XMTR SELECT CKT	A	.228	M	1.716	
PC517	SHIFT REGISTER	D	.698	G	.468	
PC477	MASTER LEDEX	(3/16 DIA HOLES SLOTING NOT REQ)				
PC516	H.V. ON, OFF CKT	A	.228	E	.628	
PC478	DECODING CKT	A	.228	G	.936	
PC541	SCR GATING CKT	A	.228	F	.780	
PC591	RELAY SWITCHING	E	.852		NOT	USED
PC592	RELAY SWITCHING	D	.696		↑	↑
PC593	RELAY SWITCHING	C	.540			
PC594	SERVO CONTROL	B	.384			
PC595	CHAN, SELECT	A	.228			
PC607	RELAY, SWITCHING	F	1.008		NOT	USED

ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
	X1	"NOTE" COMPONENT SIDE ADDED	1-15-66	X1	ED		
	Ø	ORIGINAL RELEASE FOR PRODUCTION PC264: .780 WAS 1.716 PC277: .936 WAS 1.092	1-26-66	Ø	RH		
	A	PC280 TO 283 ADDED WIDTH TOL WAS .0075, MIN. WIDTH WAS 1/8	4-29-66	16161	MH		
	B	ADDED NOTE "J" & PC266 TO PC320 TO CHART	11/21/66	17153	RME		
	C	PC328, 345, 346, 347, 350, 351, ADDED. PICTORIALS CLARIFIED	1-10-67	17654	WHW		
	D	ADDED PART NO'S PC352, PC357 TO PC362 PC367 PC368. KEY COMB. ADDED CENTER LINE 1ST SLOT	3-22-67	17999	L.A.K.		
	E	PC363, 4, PC371, 5, 9, 6, 8 & 9 ADDED FABRICATION NOTE 5 DRILL SIZE WAS #55	6-1-67	18259	WHW		
	F	ADDED PC386, 387, 396, 311, 438 & 453	11-28-67	18714	R.G.		
	G	ADDED PC456	1/5/68	19089	C.V.		
	H	PC456 WAS MEMORY CKT, ADDED PC458	3/1/68	19153	CV		
	J	PC 514, 517, 477, 516, 478 ADDED	8/1/68	19528	CV		
	K	PC541 ADDED	3/6/70	19763	CV		
	L	PC 591 THRU PC 595 ADDED	4/9/71	20322	GE		
	M	PC 607 ADDED	5/18/71	20360	RT		





DETAIL-A-
SCALE 2:1

NOTE:
SLOTS WILL NOT BE SELECTED CONSECUTIVELY

FABRICATION NOTES;

TO BE MANUFACTURED IN ACCORDANCE WITH TMC SPEC. S-735 AND SPECIFICALLY..

1. MATERIAL: G10 EPOXY GLASS LAMINATE (SEE DETAIL BELOW) 2-OUNCE COPPER CLAD BOTH SIDES.
2. ALL HOLES TO BE PLATED THRU UNLESS OTHERWISE SPECIFIED.
3. CONDUCTIVE PATTERN SHALL BE SOLDER COATED (PARA 13.2.1)
4. EDGE BOARD CONNECTORS (FINGERS) SHALL BE GOLD PLATED (PARA. 10).
5. ALL UNMARKED HOLES TO BE NO. 58 (.042) DRILL (SEE INDIVIDUAL ARTWORK FOR LOCATIONS).
6. FOR INDIVIDUAL CARD KEY COMBINATION, (SEE CHART).
7. MIN FINISHED CONDUCTOR WIDTH SHALL NOT BE LESS THAN .020 MAX FINISHED CONDUCTOR WIDTH SHALL BE DETERMINED BY THE ARTWORK LINE WIDTH +.008

S1055 M

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL

LIST OF MATERIAL

MATERIAL

FINISH

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TITLE: MACHINING, STD, PC. BOARD

Q'TY/UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	

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

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

DRAWN DL 1-24-66
CHECKED HH 1-24-66
ELECT. DES.
MECH. DES.
FINAL APPROVAL 1/25/66

SHEET 1 REV. LTR. M

NOTES

TMC FORM 111

REPROVEL NO. 440M