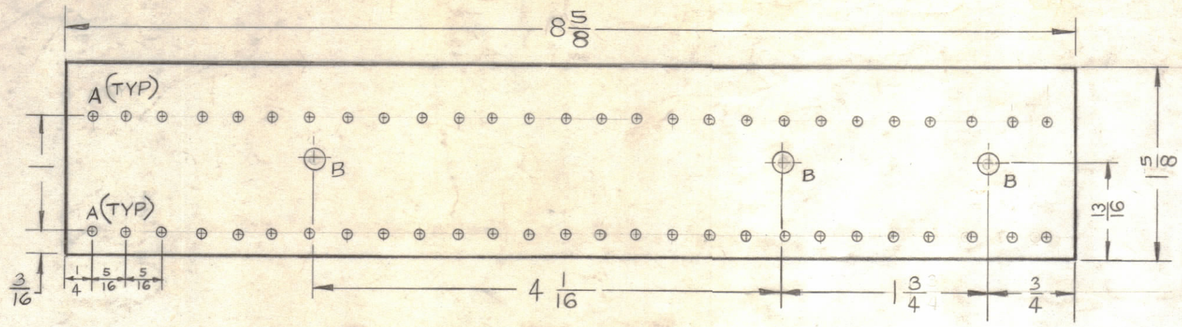
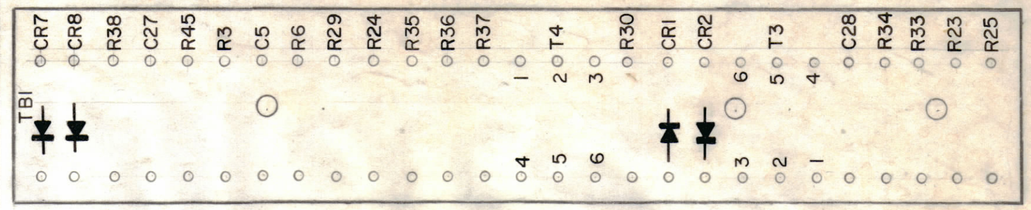
A-2021 D



STAGE~1 MACHINING
(A-2021-1)

MATERIAL - 1/8 XXXP - PHENOLIC - FINISH NATURAL

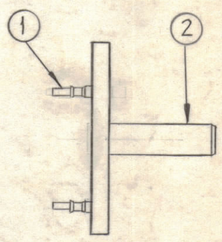
A~.116 DIA. 54 Req
B~.189 DIA. 3 Req



ALL LETTERING TO BE 1/8 HIGH BLACK GOTHIC

MARKING PROCESS: AS PER TMC SPECIFICATION S-727

STAGE~2 STAMPING
(A-2021-2)

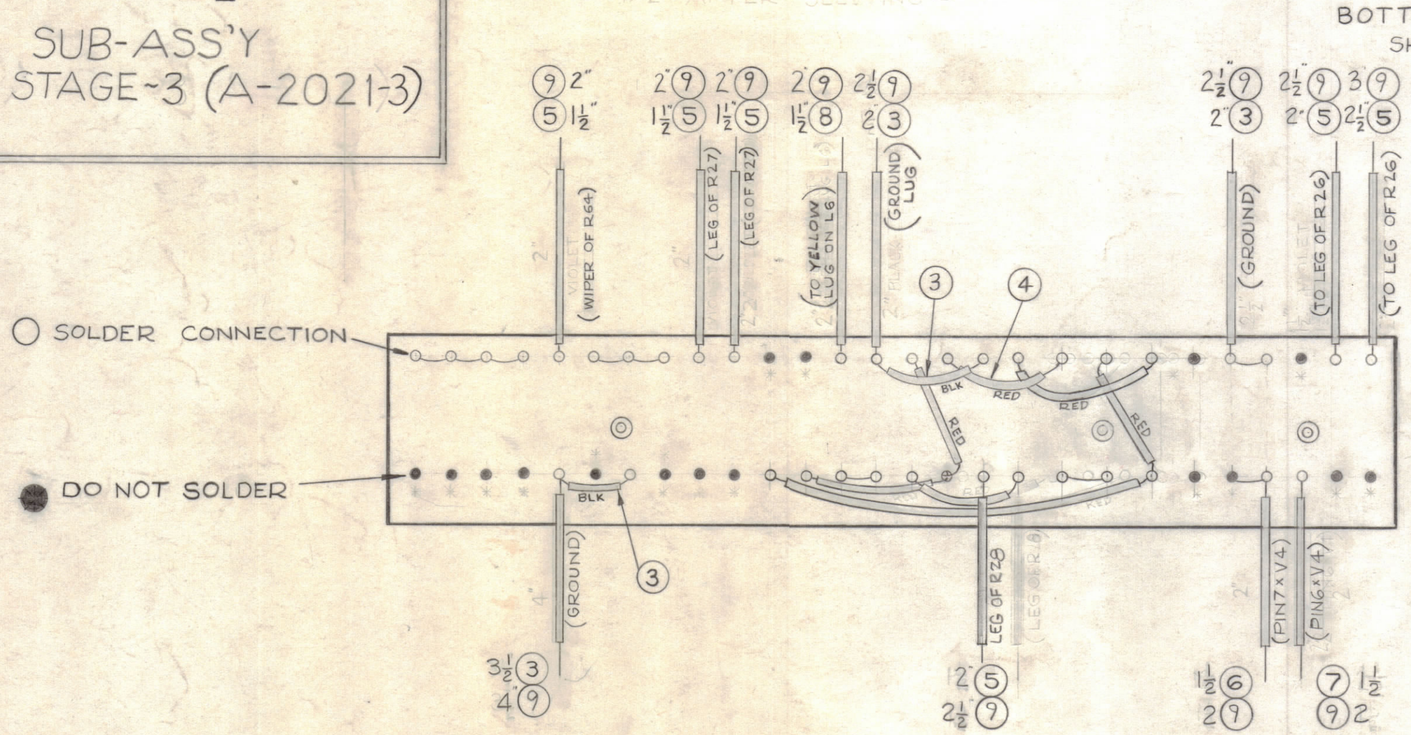


SUB-ASS'Y
STAGE~3 (A-2021-3)

NOTE:
1) USE APPROPRIATE M/L FOR ELEC COMPONENT P/N, NPL A2021-4 TIS-3
NPL A2021-5 TIS-3D
2) USE SYMBOL NO'S FOR ASS'Y REF

NOTE~
LEAD WIRES EXTEND
1/2" AFTER SLEEVING~

BOTTOM VIEW SHOWN



ELECTRICAL ASS'Y
(A-2021-4) & (A2021-5)
STAGE ~ 4,5

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
2	28	SEE NOTE	TRANSFORMER PIUSE	T3,4
1	27	RC42GF682K	RESISTOR FIXED COMPOSITION	R30
1	26	RC32GF123K	RESISTOR, FIXED, COMPOSITION	R23
1	25	RC20GF105K	RISISTOR, FIXED, COMPOSITION	R33
1	24	RC20GF274K		R24
1	23	RC20GF154K		R29
1	22	RC20GF473K		R34
1	21	RC20GF333K		R25
2	20	RC20GF223K		R35,36
1	19	RC20GF103K		R37
1	18	RC20GF562K		R38
1	17	RC20GF182K		R6
1	16	RC20GF182K		R45
1	15	RC20GF102K	RESISTOR, FIXED, COMPOSITION	R3
4	14	IN67	DIODE GERMANIUM	CR1,2,7,8
1	13	CN106104K	CAPACITOR FIXED, MYLAR	C27
1	12	C[illegible]-16	CAPACITOR FIXED, DISC.	C5
1	11	SEE NOTE 5	CAPACITOR FIXED, DISC.	C28
X	10	BS-100	SOLDER SOFT	
X	9	WL-100-7	WIRE, BUSS (SIZE 22)	
1 1/2	8	PX-104-2-.034	INSULATION SLEEVING (SIZE 20)	YELLOW
1 1/2	7	PX-104-6.034		BLUE
1 1/2	6	PX-104-4.034		GREEN
11"	5	PX-104-9-.034		VIOLET
X	4	PX-104-3-.034		RED
X	3	PX-104-1-.034	INSULATION SLEEVING (SIZE 20)	BLACK
3	2	TE-108-21	STAND-OFF RIVET TYPE	
54	1	TE-109-3	TERMINAL LUG	

SYM	ZONE	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
D		REV. & UPDATED	4.22.68	18885	HG		FB
C	—	Dimensions On Sleeving Clarified; Terminals Clarified On Stage 4	3-10-62	6501	FB		
B	D2	ITEM 21 WAS RC20GF333K	2-14-61	4175	DM		
A	C1	ITEM 12 SYMBOL WAS C25	11-23-60	3576	WAG	JCB	
	E2	ITEM 26 WAS RC30GF123K					

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°

SCALE

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS & SHARP EDGES

REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE
1	TIS-3D			4.22.68
1	TIS-3			11-22-60

USED ON

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

STOCK SIZE
MATERIAL
TYPE & TEMPER HEAT TREAT. SPEC.
FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TERMINAL BOARD #1 ASS'Y
TIS-3

DRAWN	CHECKED	FINAL APPROVAL

ELEC. DES. APP. MECH. DES. APP. SHEET A-2021 D OF

TMC FORM NO. 110 DEFIANCE NO. 1020 36352