

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

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

RELEASED

TF-100

CASE LESS STUDS & TERMINALS - 2 1/2" HIGH

OUTPUT TRANSFORMER

A. ELECTRICAL SPECIFICATIONS:

Primary impedance 5000 ohms; D.C. current 35 MA. average.
 Secondary impedance 600 ohms, tapped at 8 ohms.
 Frequency response 300 to 5000 c.p.s. , plus or minus 3 db from 1000 c.p.s.
 Power output handling capacity 5 watts.

B. MECHANICAL SPECIFICATIONS:

Case and mounting shall be Case Symbol FB, MIL-T-27.
 Terminal; Solder lugs and ceramic bushings shall be used, located on mounting stud end.
 Lettering; TMC Part Number *, ~~FRD Name and Part Number shall appear on opposite end from mounting studs.~~
 Schematic diagram shall appear side of unit and be readable with mounting stud side facing down.
 Terminal shall be lettered 1 to 5 as shown.

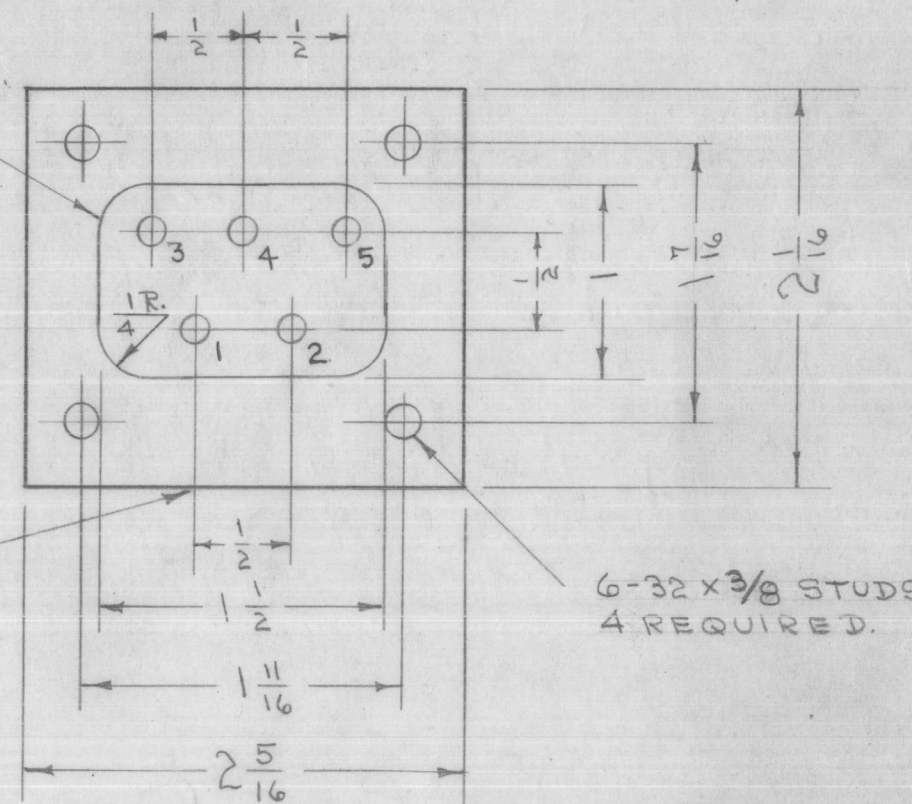
Finish; S-115 TMC Smooth Gray Enamel. ~~Dark gray with an enamel similar or equal to Mass & Weinstein # 68397 Gray.~~

C. GENERAL SPECIFICATIONS:

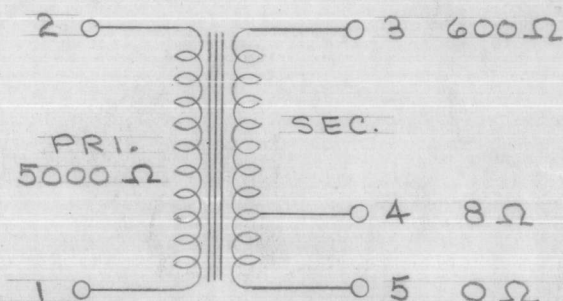
~~The unit shall be constructed in accordance with MIL-T-27 Grade 1 Class A with an insulation resistance of 1000 volts D.C. from all windings to ground and between windings.~~

* TMC Part No. TF-100 No Issue Letter

CHASSIS CUTOUT



SCHEMATIC DIAGRAM THIS SIDE



NOTE: MANUFACTURED IN ACCORDANCE WITH MIL SPEC T-27-A EXCEPT THAT MIL SPEC T-27-A SHALL NOT APPEAR ON CASE AND QUALIFICATION TESTING IS NOT REQUIRED

NOTICE TO PERSONS RECEIVING THIS DRAWING

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THE TECHNICAL MATERIEL CORPORATION
 MAMARONECK, NEW YORK

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
E	2	ON MECH. SPECS. LETTERING CLARIFIED	22-63	8605			
	1	FINISH CLARIFIED					
D	1	NOTE ADDED (MIL T-27-A)	6-30-60	2572			
C		REDRAWN - NO CHANGE	5/1/53				

TOLERANCES		SCALE:
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±	A

FFR	104	A-258	6-3-52
MODEL	PROJECT NO.	ASS'Y. NO.	DATE

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			TRANSFORMER, OUTPUT, AUDIO	
			CDD. 5-1-53	G.T.O
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
			CHECKED	FINAL APPROVAL
				TF-100