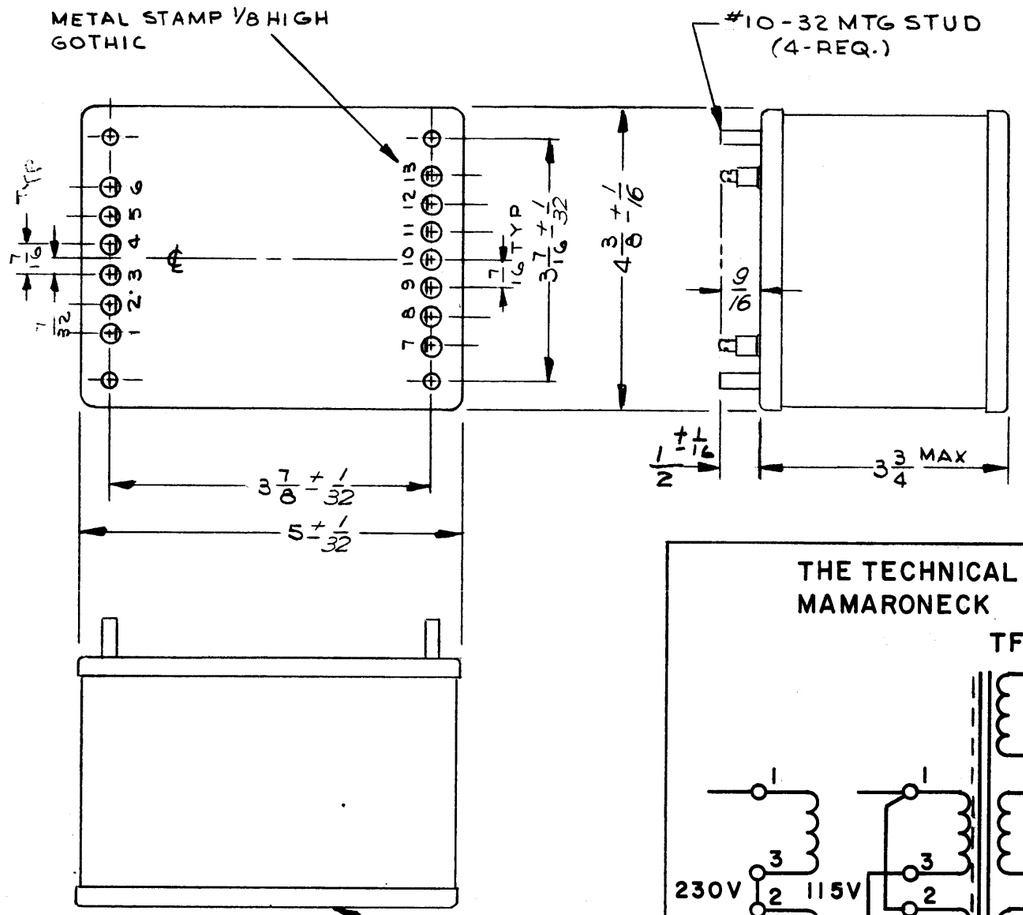
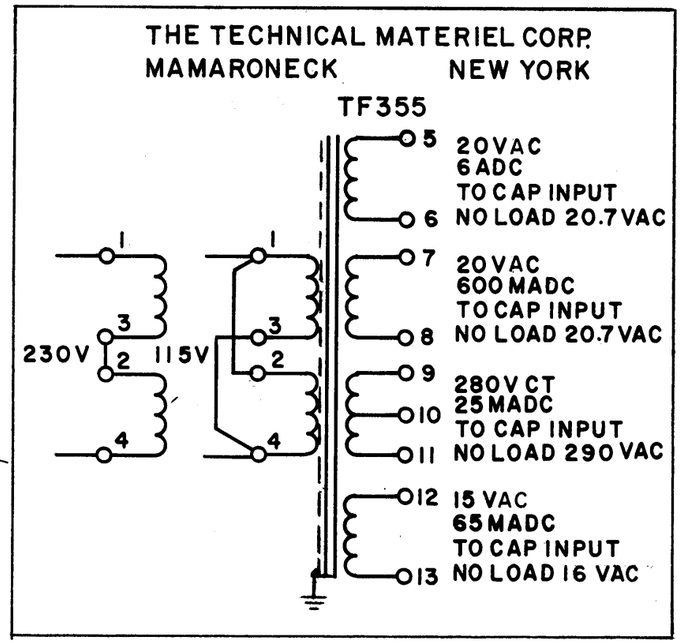
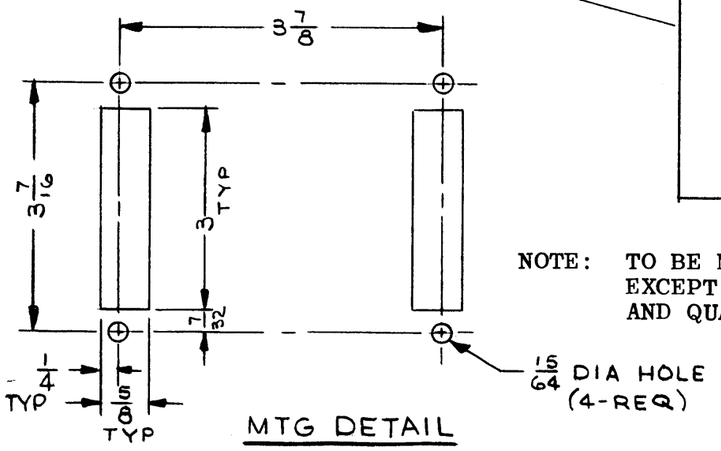




SCHEMATIC STAMP



MTG DETAIL

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

NOTES

TF355

REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X	EXP. RELEASE	10/17/66		JL		
X_1	NO LOAD VOL. WAS 15.5 . S401 NO. WAS (7552)	2.16.67	X	RME		
X2	UPDATED	11/13/68		K.H.		
Ø	ORIGINAL RELEASE FOR PRODUCTION	11.27.68		R.G.		

SPECIFICATIONS

TRANSFORMER, POWER: STEP-DOWN AND STEP-UP

PRIMARY WINDING:
- VOLTAGE: 115/230 V
- FREQUENCY: 50/60 Hz
- PHASE: 1

SECONDARY WINDING:
- FULL LOAD:
- VOLTAGE: TERM(5-6), (7-8), 20 VAC, (9-11) 280 VCT, (12-13) 15 VAC
- CURRENT: TERM(5-6) 6 ADC, (7-8) 600 MADC, (9-10) 25 MADC, (12-13) 65 MADC
- NO LOAD:
- VOLTAGE: TERM(5-6) 20.7 VAC, (7-8) 20.7 VAC, (9-10-11) 290 VAC (12-13) 16 VAC.

ELECTRO-STATIC SHIELDING TO BE PROVIDED

BREAKDOWN VOLTAGE: 1000 VRMS
CASE DATA:
- HERMETICALLY SEALED: NO
- CASE TYPE: STEEL CASE
- CASE DIMENSIONS: SHOWN PICTORIALY

MOUNTING DATA: SHOWN PICTORIALY
TERMINAL DATA:
- NO OF TERM: 13
- TYPE: SOLDER TYPE INSULATED

FINISH: SMOOTH GRAY ENAMEL (TMC SPEC S115) EXCEPT TERM END
MARKING: ALL TERMINALS TO BE METAL STAMPED (METAL CASES ONLY) MARKING TO BE PER TMC SPECS S566 AND S727

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL

EATON — LIST OF MATERIAL

Q'T'Y./UNIT	MODEL USED ON	ASS'Y. NO.
	RTIH	
SCALE	CODE	S401-30(7551)

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.

MATERIAL

FINISH

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

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

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TITLE: TRANSFORMER, POWER STEP-DOWN, STEP-UP

DRAWN J. LESHINSKI	DATE 10/17/66	FINAL APPROVAL S. DiMarco	DATE 11/27/68
CHECKED	DATE 3/16/67		
ELECT. DES.	DATE		
MECH. DES.	DATE 11-27-68		

TF355 Ø

SHEET — REV. LTR.

TMC F RM 109

REPROVEL N . 440H 23858