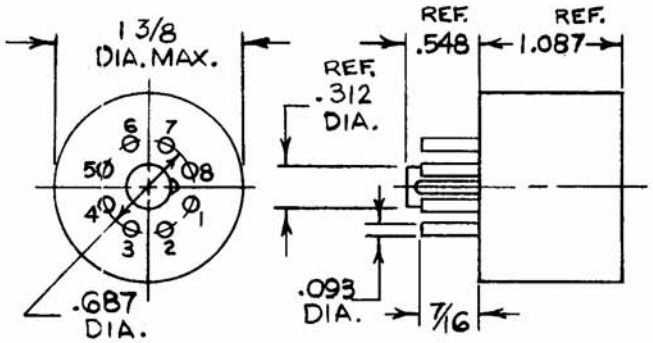
STANDARD DRAWING

REQ. PER UNIT	USED ON MODEL	ASS'Y. NO.	DATE	DD122	A
	TSTE-10K		6-17-65		



SCHEMATIC OF BRIDGE TO APPEAR ON UNIT

RATINGS FOR 60 THRU 400 CPS *

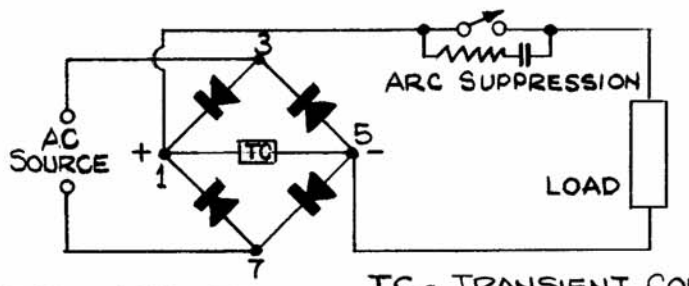
	PIV	INPUT VRMS	OUTPUT VDC	SURGE AMPS.
NOMINAL		115	100V	—
	AUTOMATIC PROTECTION			
MAXIMUM		130	116	25A 8MS

* SINUSOIDAL INPUT, RESISTIVE OR INDUCTIVE LOADS

CURRENT RATING BY DUTY CYCLE + (20°C)

DUTY CYCLE	CON-TINUOUS	3/4	1/2	1/4	1/10
MAX. CURRENT RATING (AMPS)	1.8	2.4	3.6	7.2	7.5
MAX. PULSE LENGTH (SEC.)	CON-TINUOUS	115	100	43	20

$$+\text{DUTY CYCLE} = \frac{\text{PULSE LENGTH}}{\text{PULSE LENGTH} + \text{"OFF" TIME}}$$



TYPICAL CIRCUIT

TC - TRANSIENT CONTROL (BUILT IN)

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	ADDED 'REF.' TO .312, .548 & 1.087 DIM. REV. SCHEM STAMP NOTE & ADDED TYP. CKT. TO SCH.	7-7-66	16505	JB	JCB	JC
Ø	ORIGINAL RELEASE FOR PRODUCTION.	6-17-65	—//—	HLA		

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

SCALE —//—

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

CODE C — S401-281 (A46502-003)

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		—//— STOCK SIZE	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		—//— MATERIAL	RECTIFIER SILICON BRIDGE	
		—//— TYPE & TEMPER; —//— HEAT TREAT. SPEC.	H. AUSTIN DRAWN; JCB CHECKED; [signature] 6/23/65 FINAL APPROVAL	
		—//— FINISH & SPEC. NO.	ELEC. DES. APP.; JC 6-18-65 MECH. DES. APP.	DD122 A

TMC FORM 108-A

REPROVEL NO. 440H 23845