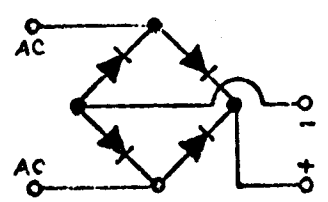
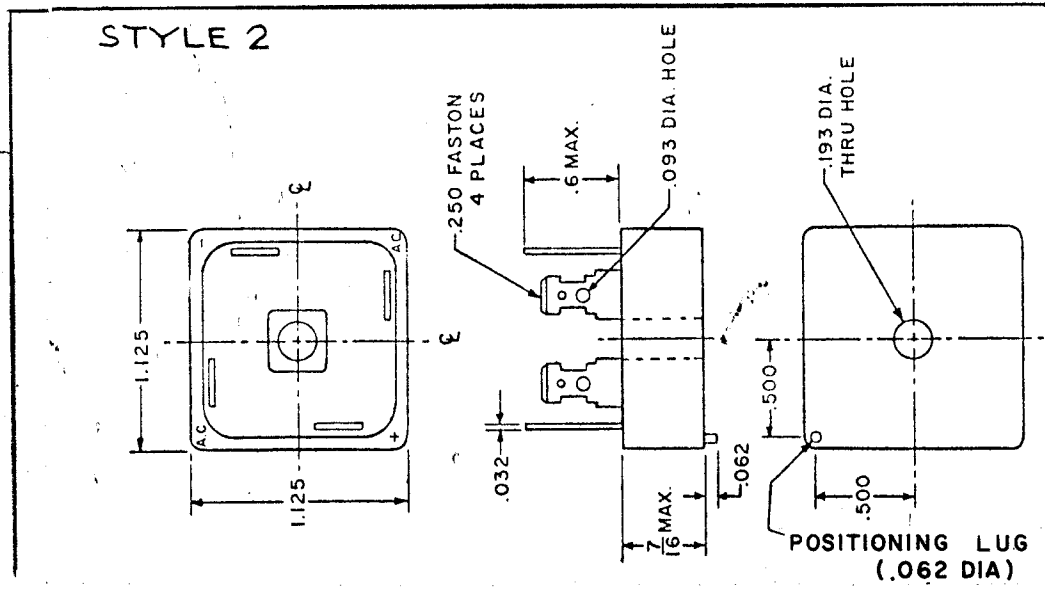
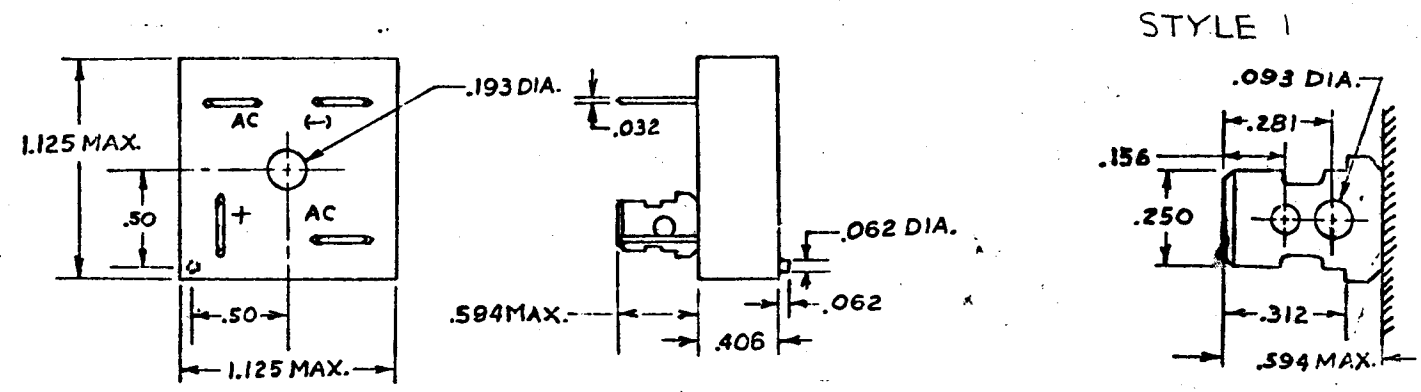


TMC PART NUMBER	RX108-1	RX108-2	RX108-3	RX108-4	RX108-5	RX108-6
PIV per leg DC or Recurrent - Volts	50	100	200	300	400	600
Sine Wave RMS Input Voltage Max - Volts	35	70	140	210	280	420
Average DC Output Amps:						
$T_c = 55^\circ\text{C}$ - Amps	25	25	25	25	25	25
$T_c = 100^\circ\text{C}$ - Amps	18.5	18.5	18.5	18.5	18.5	18.5
$T_c = 125^\circ\text{C}$ - Amps	12.5	12.5	12.5	12.5	12.5	12.5
$T_c = 150^\circ\text{C}$ - Amps	6.5	6.5	6.5	6.5	6.5	6.5
$T_A = 25^\circ\text{C}$ - Amps	6.0	6.0	6.0	6.0	6.0	6.0
$T_A = 55^\circ\text{C}$ - Amps	5.0	5.0	5.0	5.0	5.0	5.0
$T_A = 100^\circ\text{C}$ - Amps	3.0	3.0	3.0	3.0	3.0	3.0
Peak 1 Cycle Forward Surge - Amps	300	300	300	300	300	300
Peak Recurrent Forward - Amps	75	75	75	75	75	75
Peak DC Output - Amps	60	60	60	60	60	60
1 Second Max $55^\circ\text{C}$						
$V_F$ Max per leg @ 3A DC @ $25^\circ\text{C}$ - Volts	1.0	1.0	1.0	1.0	1.0	1.0
$I_B$ Max per leg @ PIV @ $25^\circ\text{C}$ - $\mu\text{A}$	10	10	10	10	10	10
@ $100^\circ\text{C}$ - $\mu\text{A}$	100	100	100	100	100	100

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXPERIMENTAL RELEASE	8/7/68			
	Ø	ORIG. RELEASE FOR PROD.	9-11-68	Ø		C.V. R.G. <i>[Signature]</i>

Max Thermal Impedance Junction to Mounting Surface  $2^\circ\text{C}/\text{Watt}$   
 Max Operating & Storage  $-55^\circ\text{C}$  to  $+175^\circ\text{C}$



RTIH-3			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES
QTY / UNIT	MODEL USED ON	ASS'Y NO.	
APPLICATION			DECIMALS .X ± .05 FRACTIONS 1/64
CODE S401-459			TOLS. .XX ± .01 ANGLES 0°-30'
MATERIAL			FINISH
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REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
RECTIFIER, SEMICONDUCTOR DEVICE				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	RX 108	A	
SCALE	SHEET		OF	