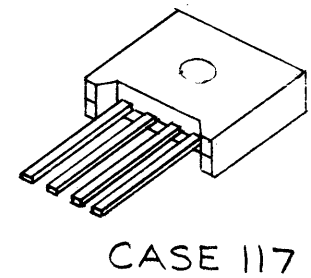
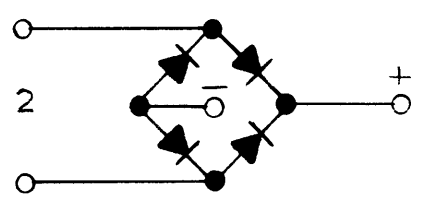


TMC P/N	MFR TYPE NO	PEAK REVERSE VOLTAGE PER CELL (DC OR RECURRENT) V_{RM} (rep) VOLTS	SINE WAVE RMS INPUT VOLTAGE (LINE TO LINE) V_R VOLTS	DC OUTPUT		DC OUTPUT CURRENT @ 55°C AMBIENT I_o AMPS 1	PEAK FULL-WAVE ONE CYCLE SURGE CURRENT (60 Hz) I_{FM} (surge) AMPS 2	PEAK FULL-WAVE REPETITIVE FORWARD CURRENT (NONSINUSOIDAL 60Hz) I_{FM} (rep) AMPS
				RES LOAD VOLTS	CAP LOAD VOLTS			
DD144-1	MDA960-1	50	35	30	50	2.5	100	15
-2	↓ -2	100	70	62	100	2.5	100	15
-3	MDA960-3	200	140	124	200	2.5	100	15
-4	MDA970-1	50	35	30	50	4.0	150	25
-5	↓ -2	100	70	62	100	4.0	150	25
-6	MDA970-3	200	140	124	200	4.0	150	25

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXPERIMENTAL RELEASE	7/1/68			C.V. <i>[Signature]</i>
	X1	TMC P/N CLARIFIED	9/12/68	X1		C.V. <i>[Signature]</i>
	Ø	ORIG. RELEASE FOR PROD.		Ø		R.G. <i>[Signature]</i>



ELECTRICAL CHARACTERISTICS ($T_A=25^\circ\text{C}$ UNLESS OTHERWISE NOTED)

CHARACTERISTIC	SYMBOL	RATING	UNIT
MAXIMUM FORWARD VOLTAGE DROP PER CELL ($I_F = 1.25 \text{ A dc}$) MDA960 ($I_F = 2.0 \text{ A dc}$) MDA970	V_F	1.0	Vdc
MAXIMUM REVERSE CURRENT PER CELL ($V_R = \text{RATED } V_{RM}$)	I_R	1.0	mA

CASE: TRANSFER-MOLDED PLASTIC ENCAPSULATION
 FINISH: ALL EXTERNAL SURFACES ARE CORROSION-RESISTANT, LEADS ARE READILY SOLDERABLE.
 POLARITY: **EMBOSSED SYMBOLS**
 AC INPUT = ~ +DC OUTPUT = + -DC OUTPUT = -

HFSR-4		
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE	S401-302

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS 1/64 ANGLES 0°-30'
MATERIAL	
FINISH	

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
O. POSE LIST OF MATERIAL				
APPROVAL			DATE	
<i>[Signature]</i>			9-13-68	
ELECT. DES.			DATE	
<i>[Signature]</i>			9-13-68	
CHECKED			DATE	
<i>[Signature]</i>			7.1.68	
DRAWN			DATE	
<i>[Signature]</i>			7.1.68	
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	DD 144	Ø	
SCALE	SHEET		OF	

THE TECHNICAL MATERIEL CORP.
 MAMARONECK, NEW YORK
 RECTIFIER, SEMI-CONDUCTOR, DEVICE