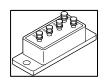
TECHNICAL DATA DATA SHEET 713, REV. B

THREE PHASE FULL WAVE RECTIFIER ASSEMBLY

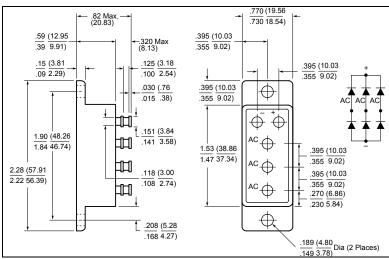


DESCRIPTION: 600 VOLT, 37 AMP, 150 NS 3-PHASE FULL WAVE RECTIFIER ASSEMBLY.

MAX RATINGS/ELECTRICAL CHARACTRISTICS ALL RATINGS ARE AT To = 25 C UNLESS OTHERWISE SPECIFIED

RATING	SYMBOL	MAX.	UNITS
PEAK INVERSE VOLTAGE (PER LEG)	PIV	600	Volts
MAXIMUM FORWARD VOLTAGE DROP (PER LEG) (I _f = 10 AMPS)	V _f	1.35	Volts
MAXIMUM DC OUTPUT CURRENT $(T_C = 55 {}^{\circ}\text{C})$	Io	37	Amps
$(T_C = 100 {}^{\circ}C)$		19.5	Amps
PEAK SINGLE CYCLE SURGE CURRENT t _p = 8.3 msec. (PER LEG)	I _{FSM}	300	Amps
MAXIMUM REVERSE RECOVERY TIME $(I_f = 0.5A, I_r = 1.0A, t_{rr} = 0.25A)$	t _{rr}	200	ns
MAXIMUM REVERSE CURRENT I_r @ PIV (PER LEG) $(T_C = 25 ^{\circ}C)$	I _r	10	μΑ
$T_C = 100$ $^{\circ}C)$		200	μΑ
MAXIMUM THERMAL RESISTANCE (PER LEG)	$R_{ heta JC}$	0.85	°C/W
MAXIMUM OPERATING AND STORAGE TEMPERATURE RANGE	$T_{J,stg}$	-55 to + 150	°C

MECHANICAL DIMENSIONS: In Inches / mm



*Case--black anodized. Potting surface—uncontrolled

Fig. 424

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