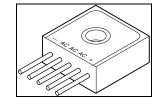


TECHNICAL DATA DATA SHEET 235, REV -

THREE PHASE FULL WAVE BRIDGE RECTIFIER ASSEMBLY



DESCRIPTION: A 600 VOLT, 25 AMP, 150 NANOSECOND THREE PHASE BRIDGE RECTIFIER ASSEMBLY.

MAX. RATINGS / ELECTRICAL CHARACTERISTICS All ratings are at $T_A = 25^{\circ}$ C unless otherwise specified.

RATING	CONDITIONS	MIN	TYP	MAX	UNIT
Peak Inverse Voltage	-	-	-	600	Vdc
(PIV)					
Average DC Output	$T_C = 55$ °C	-	-	25	Amps
Current (T_C = Case Temp) (I_o)	T _C = 100 °C			17	
Peak Single Cycle Surge Current (I _{FSM})	t_p = 8.3 ms Single Half Cycle Sine Wave, Superimposed On Rated Load	-	-	125	Amps(pk)
Peak Recurring Surge Current (I _{FRM})	T _A = 25 °C	1	-	60	Amps
Operating and Storage Temp. (T _{op} & T _{stg})	-	-55	-	+150	°C
Maximum Forward Voltage Per Leg (V _f)	$I_f = 9.0 Adc$ (300 µsec pulse, duty cycle < 2%)	-	-	1.6	Volts
Maximum Instantaneous Reverse Current At Rated (PIV)	T _A = 25° C	-	-	5.0	μAmps
	T _A = 100° C			100	
Reverse Recovery Time (t _{rr})	$I_f = 0.5A, I_r = 1.0A, I_{rr}$ = 0.25A	-	-	150	nsec
	Measured on discrete rectifiers prior to assembly.				
Max. Thermal Resistance	-	-	-	1.25	°C/W
$(R\theta_{JC})$					

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MECHANICAL DIMENSIONS: In Inches / mm

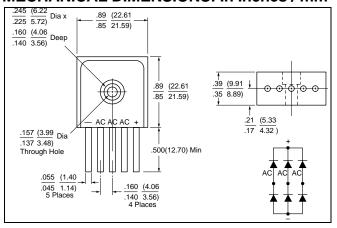


Fig. 455

Note: Case finish - Black Anodized

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