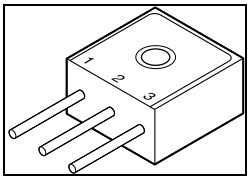
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COMMON CATHODE ASSEMBLY

DESCRIPTION: A 1000 VOLT, 40 AMP, 200 NANOSECOND DOUBLER ASSEMBLY

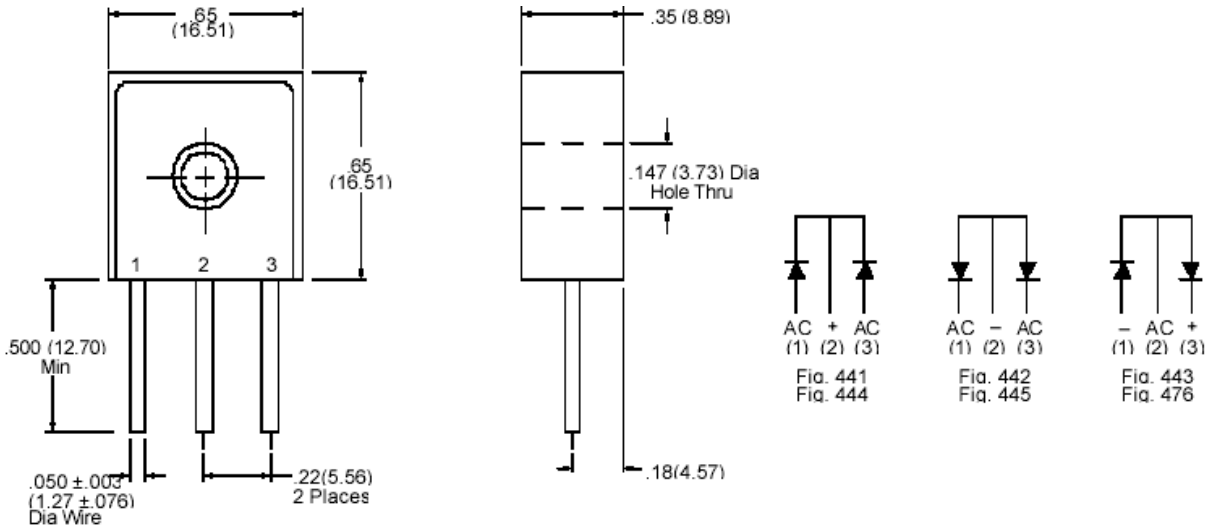
MAX. RATINGS / ELECTRICAL CHARACTERISTICS All ratings are at $T_A = 25^oC$ unless otherwise specified.

RATING	CONDITIONS	MIN	TYP	MAX	UNIT
Peak Inverse Voltage (PIV)	-	-	-	1000	Vdc
Average DC Output Current (T_C = Case Temp) (I_o)	$T_C = 55^oC$ $T_C = 100^oC$	-	-	40 24	Amps
Peak Single Cycle Surge Current (I_{FSM})	t_p = 8.3 ms Single Half Cycle Sine Wave, Superimposed On Rated Load	-	-	300	Amps(pk)
Peak Recurring Surge Current (I_{FRM})	$T_A = 25^oC$	-	-		Amps
Operating and Storage Temp. (T_{op} & T_{stg})	-	-55	-	+150	°C
Maximum Forward Voltage Per Leg (V_f)	I_f = 8.0Adc (300 μsec pulse, duty cycle < 2%)	-	-	2.2	Volts
Maximum Instantaneous Reverse Current At Rated (PIV)	$T_A = 25°$ C $T_A = 100°$ C	-	-	10 200	μAmps
Reverse Recovery Time (t_{rr})	I_f = 0.5A, I_r = 1.0A, I_{rr} = 0.25A Measured on discrete rectifiers prior to assembly.	-	-	200	nsec
Max. Thermal Resistance ($R\theta_{JC}$)	-	-	-	2.0	°C/W

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MECHANICAL DIMENSIONS: In Inches / mm



Note: Case finish - Black Anodized

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