



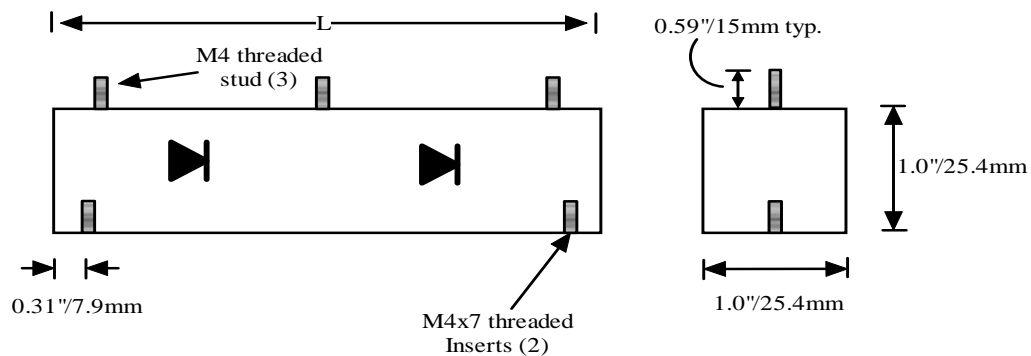
# JB368 High Voltage Doubler Rectifier

**JB368**

## ELECTRICAL CHARACTERISTICS AND RATINGS

Repetitive Peak Reverse Voltage (per leg)	$V_{RRM}$	30,000 Volts
Average Forward Current Max. (per leg) @ $T_A = 55^\circ\text{C}$	$I_{FAVmin}$	1.75 A
Maximum Forward Voltage Drop @ 1.0 A @ $25^\circ\text{C}$	$V_F$	32 Volts
Maximum Reverse Current @ $V_{RRM}$ @ $25^\circ\text{C}$	$I_R$	10.0 $\mu\text{A}$
Maximum Surge Current (8.3 ms, $\frac{1}{2}$ sine wave)	$I_{FSM}$	150 Amps
Maximum Junction Temperature	$T_J$	150 $^\circ\text{C}$
Operating & Storage Temperature	$T_{OS}$	-55 $^\circ\text{C}$ to 150 $^\circ\text{C}$

## CASE OUTLINE AND DIMENSIONS



L = 13.25 in./337 mm

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