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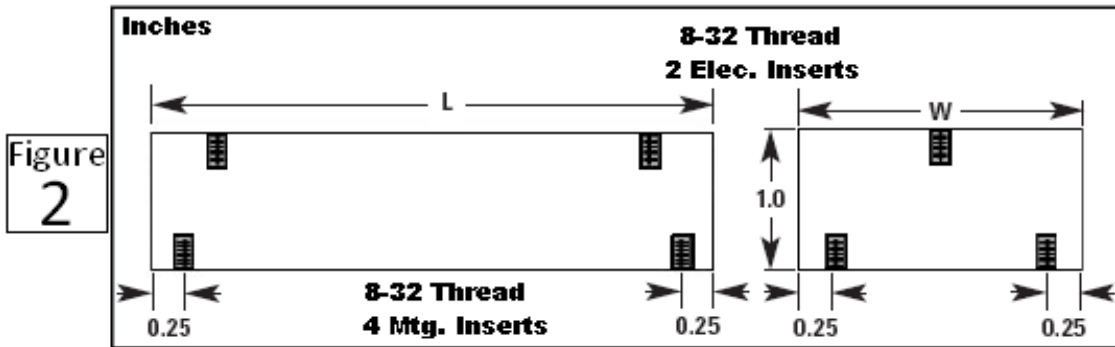
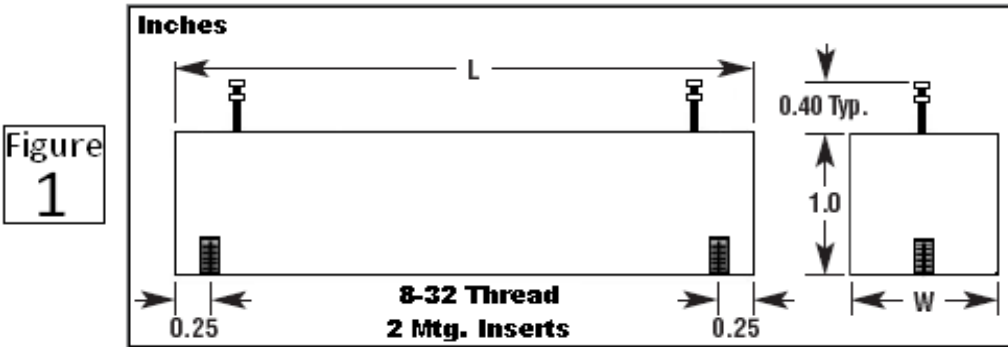
High Power Rectifier Blocks
 Standard Recovery
 6HV Series

ELECTRICAL CHARACTERISTICS

Specifications									
Part Number	PIV	MAX Avg Forward Current	MAX Reverse Current $I_R @ PIV$	MAX Forward Voltage $V_F @ I_F$		MAX Surge Current I_{FSM}	Case Dimension		Figure
							Length	Width	
*		$T_C = 55^\circ C$	$T_A = 25^\circ C$			**	Inches	Inches	
	Volt	Amp	μAmp	Volt	Amp	Amp	Inches	Inches	
6HV5K	5000	3.50	5.0	5.0	3.50	400	4.0	1.0	1
6HV8K	8000	3.25	5.0	8.0	3.25	400	6.0	1.0	1
6HV10K	10000	3.00	5.0	10.0	3.00	400	7.0	1.0	1
6HV15K	15000	3.00	5.0	15.0	3.00	400	4.0	2.0	2
6HV20K	20000	2.75	5.0	20.0	2.75	400	6.0	2.0	2
6HV25K	25000	2.50	5.0	25.0	2.50	400	8.0	2.0	2
6HV30K	30000	2.50	5.0	30.0	2.50	400	4.0	3.0	2
6HV40K	40000	2.50	5.0	40.0	2.50	400	8.0	3.0	2
6HV50K	50000	2.50	5.0	50.0	2.50	400	6.0	4.0	2

* Add suffix PBF to the Part Number for a RoHS compliant device
 ** $t_p = 8.3ms$, Single Half Cycle Sine Wave, Capable by performance

MECHANICAL



THERMAL CHARACTERISTICS

Operating and Storage Temperature.....-55°C to +150°C

Specifications subject to change without notice to ensure a better product

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