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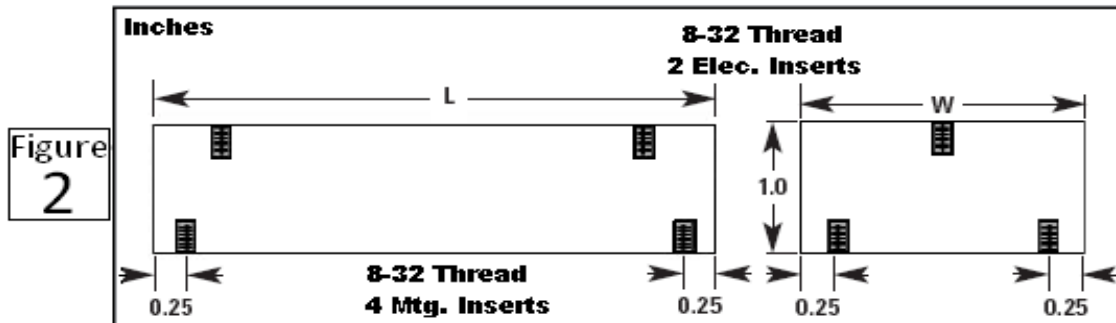
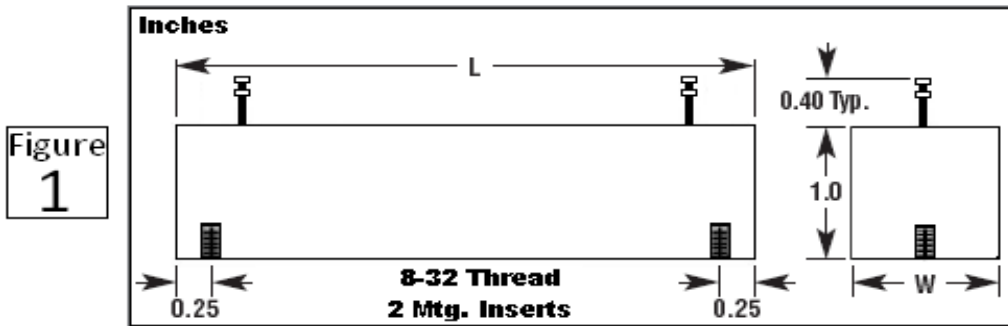
**High Power Rectifier Blocks**  
 Standard Recovery  
 3HV Series

**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	
*		TC = 55°C	$T_A=25°C$			**	Inches	Inches	
	Volt	Amp	$\mu$ Amp	Volt	Amp	Amp	Inches	Inches	
3HV5K	5000	3.00	0.5	4.8	3.0	150	4.0	1.0	1
3HV8K	8000	2.75	0.5	7.5	2.75	150	6.0	1.0	1
3HV10K	10000	2.50	0.5	9.0	2.5	150	7.0	1.0	1
3HV15K	15000	2.50	0.5	14.0	2.5	150	4.0	2.0	2
3HV20K	20000	2.25	0.5	18.0	2.25	150	6.0	2.0	2
3HV25K	25000	2.25	0.5	22.0	2.25	150	8.0	2.0	2
3HV30K	30000	2.25	0.5	28.0	2.25	150	4.0	3.0	2
3HV40K	40000	2.25	0.5	36.0	2.25	150	8.0	3.0	2
3HV50K	50000	2.25	0.5	44.0	2.25	150	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  
**PD&E Electronics** 180 Lafayette Rd. North Hampton, NH 03862  
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