



1HVFEK SERIES

3 to 10kV, 750 to 1000mA, 35nS
Rectifier Blocks with Insert Mounting



Features

- Epoxy Molded Encapsulation with Mounting Inserts
- Threaded Brass Solder Terminal Inserts

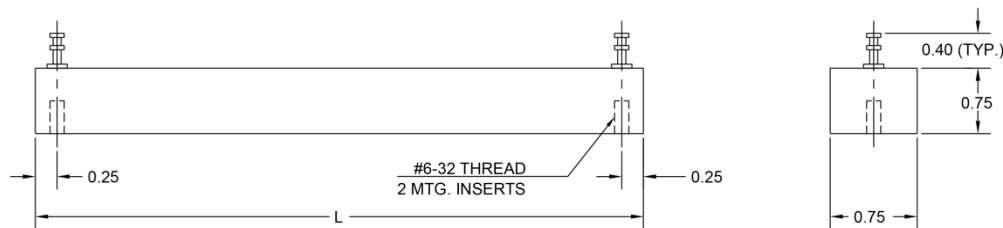
Specifications¹

Part Number	V_{RRM} V	I_{FAVM} mA	V_F V	I_R μA	I_{FSM} A	T_{RR} nS	L in.
1HVFE3K	3000	1000	15	1	50	35	5
1HVFE5K	5000	750	24	1	50	35	6
1HVFE10K	10000	750	48	1	50	35	7

Temperature °C	
Operating Temperature	-55 to 150
Storage Temperature	-55 to 150
Maximum Junction Temperature	150

¹25°C ambient temperature unless stated otherwise.

Drawings



Dimensions in inches, tolerances ± 0.020 except as noted

Specification Definitions

Specifications		Conditions
V_{RRM}	Maximum Repetitive Reverse Voltage	-
I_{FAVM}	Maximum Average Forward Current	At $T_A = 55^\circ C$
V_F	Maximum Forward Voltage Drop	At I_{FAVM}
I_R	Maximum Leakage Current	At V_{RRM}
I_{FSM}	Maximum Surge Current	At 8.3 mS, Single Half Sine
T_{RR}	Maximum Reverse Recovery Time	$I_F = 0.5A$; $I_R = -1.0A$; $I_{RR} = -0.25A$

Note: Specifications subject to change without notice. Photo is representation only.

