



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

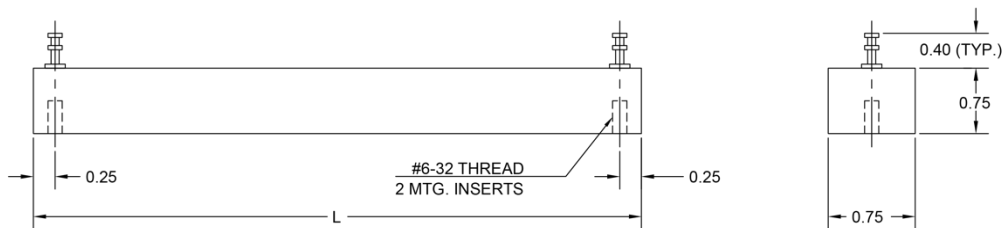
Specifications¹

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°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.