



1HVK SERIES

5 to 60kV, 750 to 1000mA, Standard Recovery Rectifier Blocks with Insert Mounting



Features

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

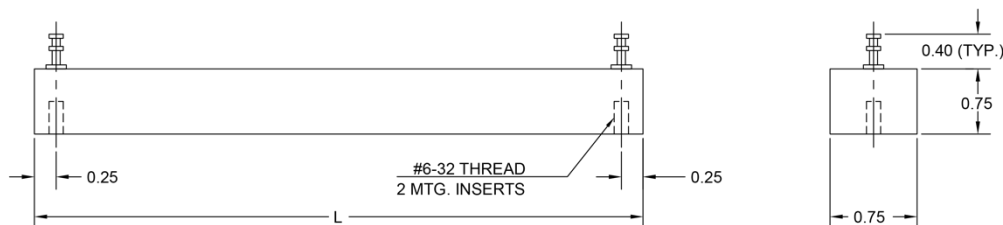
Specifications¹

Part Number	V_{RRM} V	I_{FAVM} mA	V_F V	I_R μA	I_{FSM} A	L in.
1HV5K	5000	1000	4.5	1	50	2.5
1HV8K	8000	1000	7.2	1	50	3.5
1HV10K	10000	1000	9.0	1	50	3.5
1HV15K	15000	1000	14.0	1	50	5
1HV20K	20000	1000	18.0	1	50	5
1HV25K	25000	750	22.0	1	50	6
1HV30K	30000	750	28.0	1	50	6
1HV40K	40000	750	36.0	1	50	7
1HV50K	50000	750	44.0	1	50	7
1HV60K	60000	750	56.0	1	50	7

Temperature °C	
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

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

