



6HVK SERIES

5 to 50kV, 2.5 to 3.5A, Standard Recovery Rectifier Blocks with Insert Mounting



Features

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

Specifications¹

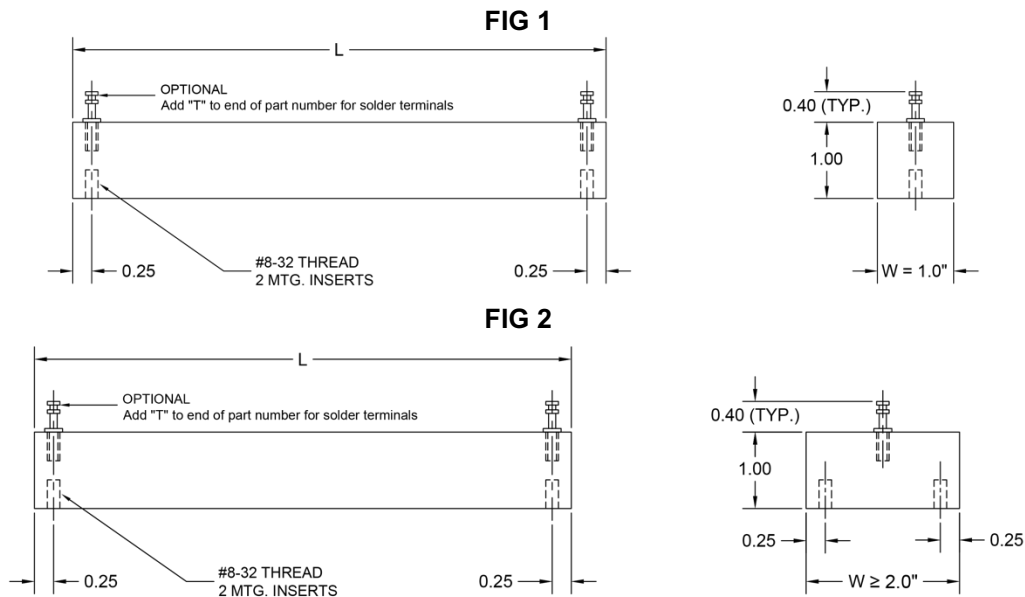
Part Number ²	V _{RRM} V	I _{FAVM} mA	V _F V	I _R μA	I _{FSM} A	L in.	W in.	Drawing #
6HV5K	5000	3500	5	5	400	4	1	Fig. 1
6HV8K	8000	3250	8	5	400	6	1	Fig. 1
6HV10K	10000	3000	10	5	400	7	1	Fig. 1
6HV15K	15000	3000	15	5	400	4	2	Fig. 2
6HV20K	20000	2750	20	5	400	6	2	Fig. 2
6HV25K	25000	2500	25	5	400	8	2	Fig. 2
6HV30K	30000	2500	30	5	400	4	3	Fig. 2
6HV40K	40000	2500	40	5	400	8	3	Fig. 2
6HV50K	50000	2500	50	5	400	6	4	Fig. 2

Temperature °C	
Storage Temperature	-45 to 150
Maximum Junction Temperature	150

¹25°C ambient temperature unless stated otherwise.

²For solder turrets add suffix "T"; for mounting studs add suffix "S".

Drawings



Dimensions in inches, tolerances ±0.020 except as noted



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Specification Definitions

Specifications		Conditions
V_{RRM}	Maximum Repetitive Reverse Voltage	-
I_{FAVM}	Maximum Average Forward Current	At $T_A = 55^\circ\text{C}$
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.

