



# 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

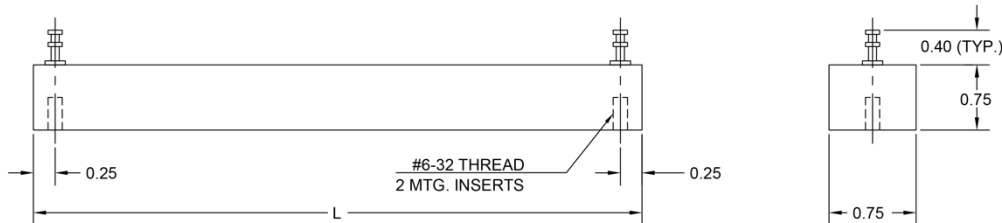
## Specifications<sup>1</sup>

Part Number	$V_{RRM}$ V	$I_{FAVM}$ mA	$V_F$ V	$I_R$ $\mu$ A	$I_{FSM}$ 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

<sup>1</sup>25°C ambient temperature unless stated otherwise.

## Drawings



Dimensions in inches, tolerances  $\pm 0.020$  except as noted

## Specification Definitions

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