



1HVUFK SERIES

5 to 50kV, 700 to 900mA, 75nS
Rectifier Blocks with Insert Mounting



Features

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

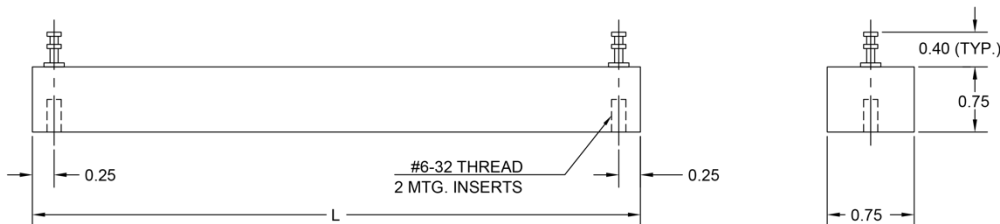
Specifications¹

Part Number	V _{RRM} V	I _{FAVM} mA	V _F V	I _R μA	I _{FSM} A	T _{RR} nS	L in.
1HVUF5K	5000	900	5.5	1	35	75	2.5
1HVUF8K	8000	900	8.8	1	35	75	3.5
1HVUF10K	10000	900	11.0	1	35	75	3.5
1HVUF15K	15000	900	17.0	1	35	75	5.0
1HVUF20K	20000	700	22.0	1	35	75	5.0
1HVUF25K	25000	700	28.0	1	35	75	6.0
1HVUF30K	30000	700	34.0	1	35	75	6.0
1HVUF40K	40000	700	44.0	1	35	75	7.0
1HVUF50K	50000	700	56.0	1	35	75	7.0

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

¹125°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 = 0.5 I _{FAVM} ; I _R = -I _{FAVM} ; I _{RR} = -0.25 I _{FAVM}

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

