



HVF SERIES

2.5 to 20kV, 500mA, 150nS
Axial Lead Flat Pack Rectifiers



Features

- Medium Power
- Epoxy Molded Body

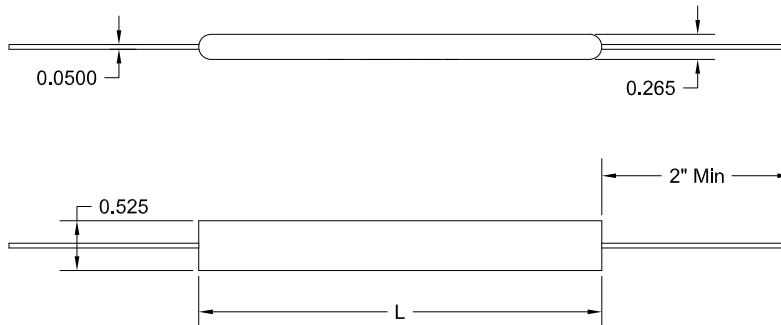
Specifications¹

Part Number	V _{RRM} V	I _{FAVM} mA	V _F V	I _R μA	I _{FSM} A	T _{RR} nS	L in.
HVF2500	2500	500	6	1	50	150	1.125
HVF5000	5000	500	9	1	50	150	2.000
HVF7500	7500	500	12	1	50	150	2.750
HVF10000	10000	500	15	1	50	150	3.500
HVF12500	12500	500	20	1	50	150	4.250
HVF15000	15000	500	24	1	50	150	4.250
HVF20000	20000	500	30	1	50	150	4.250

Temperature °C	
Storage Temperature	-55 to 175
Operating Temperature	-55 to 125
Maximum Junction Temperature	125

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, In Air
V _F Maximum Forward Voltage Drop	At 500mA
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.

