



HVUFS SERIES

2 to 25kV, 1750 to 2000mA, 75nS
Axial Lead Flat Pack Rectifiers



Features

- Molded Plastic Body, ANSI/UL94 V-0 Rated Material

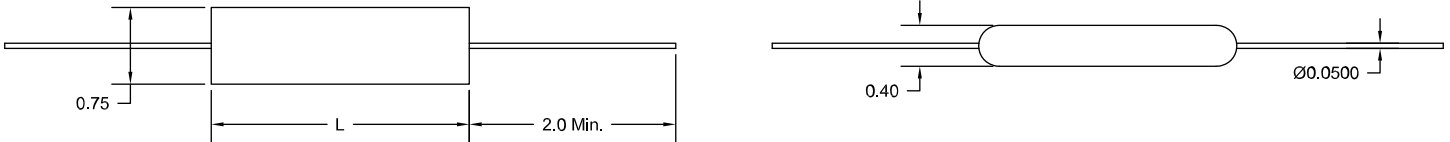
Specifications¹

Part Number	V _{RRM} V	I _{FAVM} mA	V _F V	I _R μA	I _{FSM} A	T _{RR} nS	L in.
HVUFS2000	2000	2000	4.2	5	150	75	1.5
HVUFS5000	5000	2000	7.0	5	150	75	2.5
HVUFS7500	7500	2000	11.2	5	150	75	3.5
HVUFS10000	10000	1750	14.0	5	150	75	4.5
HVUFS12500	12500	1750	18.2	5	150	75	5.5
HVUFS15000	15000	1750	21.0	5	150	75	6.5
HVUFS18000	18000	1750	25.0	5	150	75	6.5
HVUFS20000	20000	1750	28.0	5	150	75	6.5
HVUFS25000	25000	1750	35.0	5	150	75	6.5

Temperature °C	
Storage Temperature	-55 to 150
Operating 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°C
V _F	Maximum Forward Voltage Drop	At I _{FAVM}
I _R	Maximum Leakage Current	At V _{RRM}
I _{FSM}	Maximum Surge Current	At 8.3mS, Single Half Sine
T _{RR}	Maximum Reverse Recovery Time	I _F = 0.5A; I _R = -1.0A; I _{RR} = -0.25A

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

