



HCUSF SERIES

5 to 15kV, 500 to 650mA, 35nS
Rectifier Blocks with Mounting Slots



Features

- High Current Rectifier
- Plastic Case Body, Epoxy Filled, UL94 HB Rated

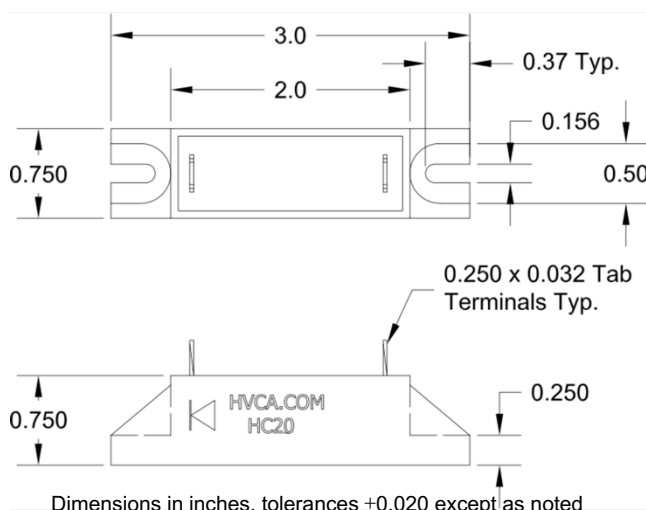
Specifications¹

Part Number	V _{RRM} V	I _{FAVM} mA	V _F V	I _R μA	I _{FSM} A	T _{RR} nS
HCUSF5	5000	650	7.0	1	10	35
HCUSF8	8000	650	11.2	1	10	35
HCUSF10	10000	500	14.0	1	10	35
HCUSF12	12000	500	16.8	1	10	35
HCUSF15	15000	500	21.0	1	10	35

Temperature °C	
Operating Temperature	-55 to 150
Storage Temperature	-55 to 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 = 0.5 I _{FAVM} ; I _R = -I _{FAVM} ; I _{RR} = -0.25 I _{FAVM}

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

