



HCF SERIES

5 to 12kV, 700 to 1000mA, 150nS
Rectifier Blocks with Mounting Slots



Features

- Fast Recovery
- Plastic Case Body, Epoxy Filled, UL94 HB Rated

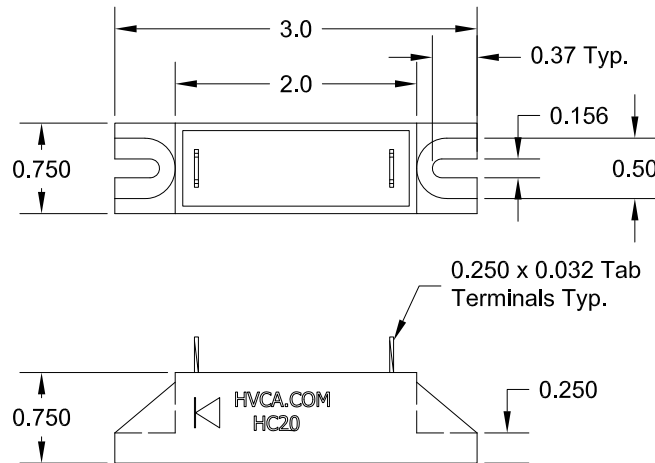
Specifications¹

Part Number	V _{RRM} V	I _{FAVM} mA	V _F V	I _R μA	I _{FSM} A	T _{RR} nS
HCF5	5000	1000	8	0.5	50	150
HCF8	8000	1000	12	0.5	50	150
HCF10	10000	800	15	0.5	50	150
HCF12	12000	700	18	0.5	50	150

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 8.3 mS, 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.

