



3HCF SERIES

5 to 10kV, 1500 to 2000mA, 250nS
Rectifier Blocks with Mounting Slots



Features

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

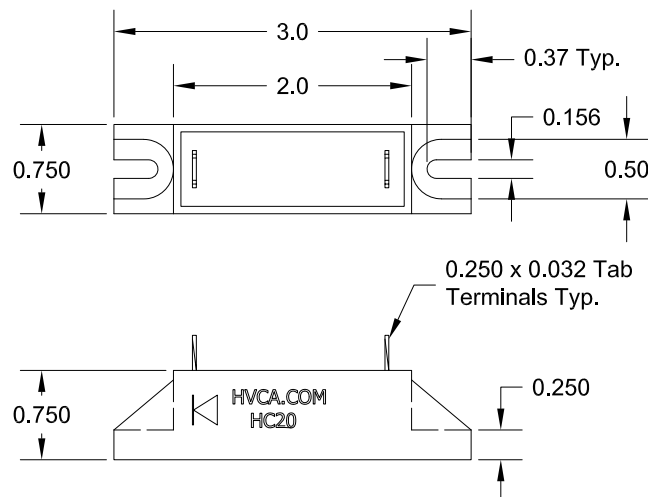
Specifications¹

Part Number	V_{RRM} V	I_{FAVM} mA	V_F V	I_R μA	I_{FSM} A	T_{RR} nS
3HCF5	5000	2000	7	0.5	100	250
3HCF10	10000	1500	13	0.5	100	250

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 $T_A = 55^\circ C$
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.