



# 2HCUSF SERIES

3 to 8kV, 1500 to 1750mA, 40nS  
Rectifier Blocks with Mounting Slots



## Features

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

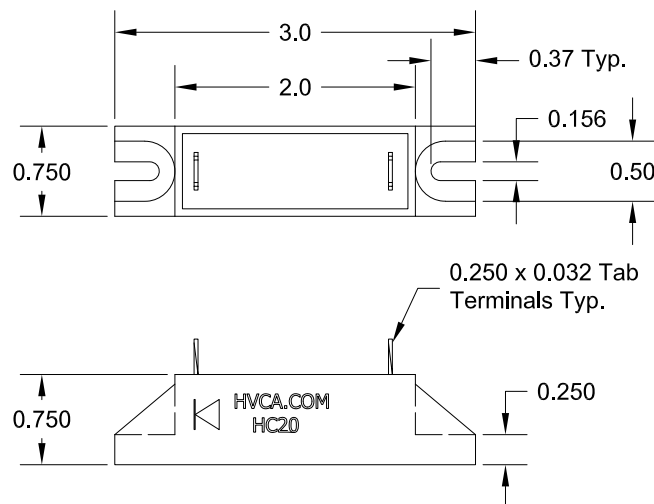
## Specifications<sup>1</sup>

Part Number	V <sub>RRM</sub> V	I <sub>FAVM</sub> mA	V <sub>F</sub> V	I <sub>R</sub> μA	I <sub>FSM</sub> A	T <sub>RR</sub> nS
2HCUSF3	3000	1750	6	5	60	40
2HCUSF5	5000	1750	10	5	60	40
2HCUSF8	8000	1500	16	5	60	40

Temperature °C	
Operating Temperature	-55 to 150
Storage Temperature	-55 to 150

<sup>1</sup>25°C ambient temperature unless stated otherwise.

## Drawings



Dimensions in inches, tolerances ±0.020 except as noted

## Specification Definitions

Specifications	Conditions
V <sub>RRM</sub> Maximum Repetitive Reverse Voltage	-
I <sub>FAVM</sub> Maximum Average Forward Current	At T <sub>A</sub> = 55°C
V <sub>F</sub> Maximum Forward Voltage Drop	At I <sub>FAVM</sub>
I <sub>R</sub> Maximum Leakage Current	At V <sub>RRM</sub>
I <sub>FSM</sub> Maximum Surge Current	At 8.3 mS, Single Half Sine
T <sub>RR</sub> Maximum Reverse Recovery Time	I <sub>F</sub> = 0.5A; I <sub>R</sub> = -1.0A; I <sub>RR</sub> = -0.25A

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

