



# HGE SERIES

2.5 to 5.0kV, 8A, Standard Recovery  
Modular “Hi-Bel” Rectifier Assemblies



## Features

- High Voltage, High Current Capability
- Large Plated Brass Base-Plate Heat Sink on Cathode Side
- Can Be Easily Cascaded for Higher Voltage System Applications
- Molded Encapsulation, ANSI/UL94 V-0 Rated Material
- Models are Replacements for Unitrode; Custom Parts Available

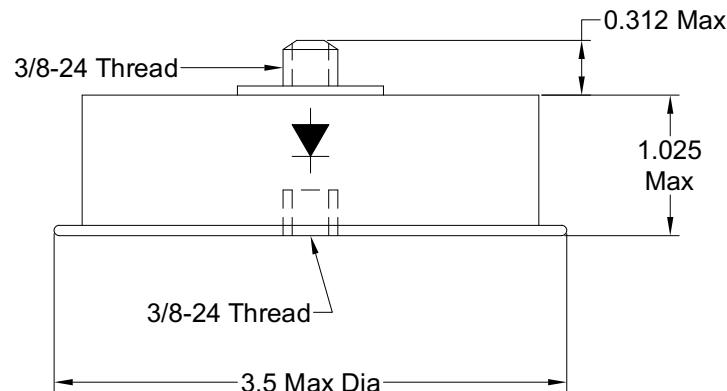
## Specifications<sup>1</sup>

Part Number	$V_{RRM}$ V	$I_{FAVM}$ A	$V_F$ V	$I_R$ $\mu A$	$I_{FSM}$ A
HGE2.5	2500	8	3.3	10	200
HGE5	5000	8	5.5	10	200

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

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

## Drawings



Dimensions in inches, tolerances  $\pm 0.020$  except as noted

## Specification Definitions

Specifications		Conditions
$V_{RRM}$	Maximum Repetitive Reverse Voltage	-
$I_{FAVM}$	Maximum Average Forward Current	At $T_C = 75^\circ C$
$V_F$	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

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

