
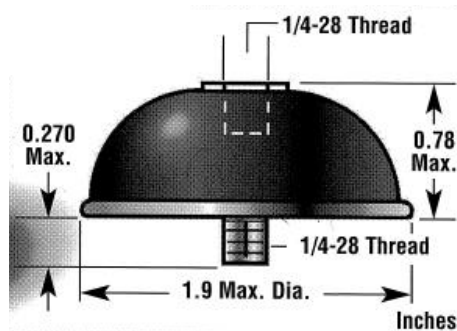
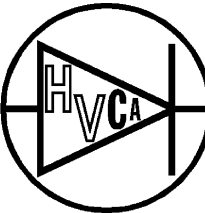


HDB5.0		2.0 A 5,000 Volts High Voltage Rectifier
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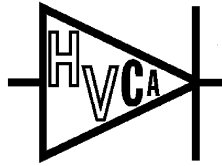


Modular Glass Passivated Rectifier Assembly

HDB5.0		
Repetitive Peak Reverse Voltage @ $T_{amb} = 25^{\circ}C$	V_{RRM}	5,000 Volts
Average Forward Current Max @ $T_c = 75^{\circ}C$	I_{FAVM}	2.0 A
Maximum Forward Voltage Drop, @ $I_F = 2.0 A$ @ $T_{amb} = 25^{\circ}C$	V_{Fmax}	4.4 Volts
Maximum Reverse Current @ V_{RRM} @ $T_{amb} = 25^{\circ}C$	I_R	0.5 μ Amps
Maximum Surge Current (8.3ms, 1/2 Sine Wave)	I_{FSM}	150 Amps
Operating Junction & Storage Temperature	T_{Jop}, T_{STG}	$-55^{\circ}C$ to $150^{\circ}C$
Maximum Junction Temperature	T_{Jmax}	$175^{\circ}C$

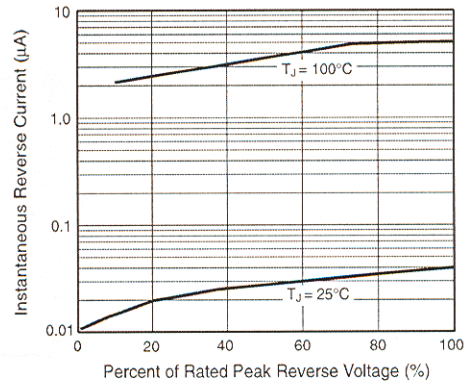
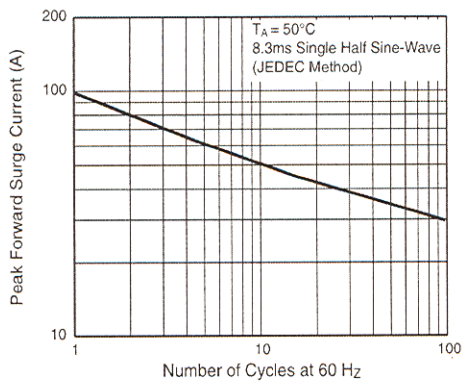
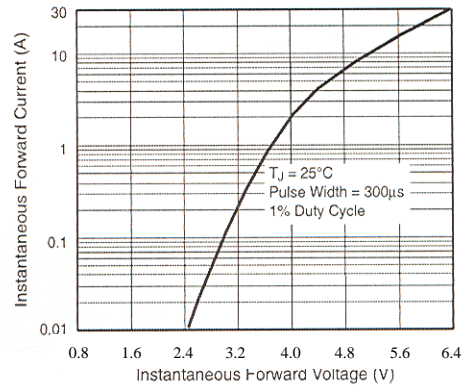
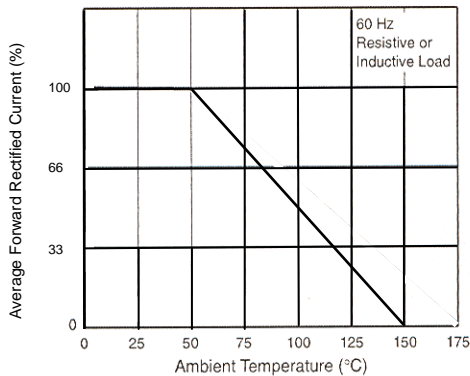
<p style="text-align: center;">HV Component</p> <p><i>Mail:</i> PO Box 848, Farmingdale, NJ 07727 <i>Fax:</i> (732) 938-4451 http://www.hvca.com</p>		<p style="text-align: center;">Associates</p> <p><i>Factory:</i> 5027 Industrial Road, Farmingdale, NJ 07727 Telephone: (732) 938-4499 Email: info@hvca.com</p>
<p>HV Component Associates specializes in the design, development and manufacture of high voltage rectifiers and diodes, voltage multipliers, bridge rectifiers, standard, fast, and ultra fast rectifier</p>	<p>devices, and special assemblies for exacting custom applications. Our experience and our highly advanced technology provide the most economical and highest quality rectifiers available today.</p>	

HDB5.0



2.0 A
5,000 Volts
High Voltage Rectifier

Typical Characteristics ($T_{amb} = 25^\circ\text{C}$ unless otherwise specified)



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