



HVRW SERIES

1 to 4kV, 1.0 to 2.5A, 150nS
Axial Lead Power Diodes



Features

- Fast Reverse Recovery Time
- 0.38" x 0.32" Package
- Molded Plastic Body, ANSI/UL94 V-0 Rated Material

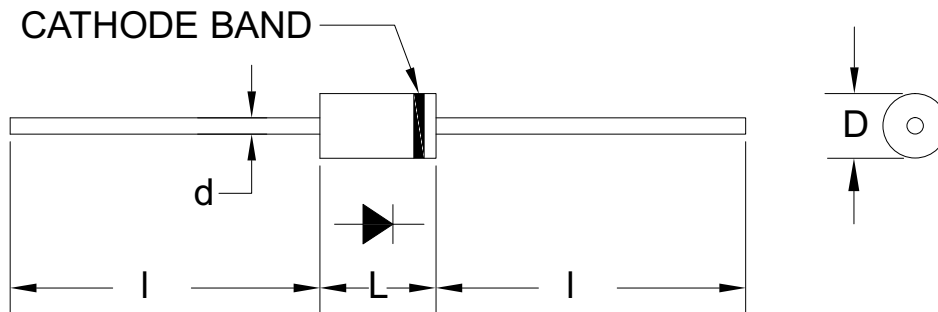
Specifications¹

Part Number	V _{RRM} V	I _{FAVM} mA	V _F V	I _R μA	I _{FSM} A	C _J pF	T _{RR} nS	L in.	D in.	d in.	l in.
HVRW1	1000	2500	2	10	200	105	150	0.38	0.32	0.05	0.94
HVRW2	2000	1500	4	10	200	52	150	0.38	0.32	0.05	0.94
HVRW3	3000	1500	5	10	200	35	150	0.38	0.32	0.05	0.94
HVRW4	4000	1000	6	10	200	27	150	0.38	0.32	0.05	0.94

Temperature °C	
Operating Temperature	-55 to 150
Storage Temperature	-55 to 175
Maximum Junction Temperature	150

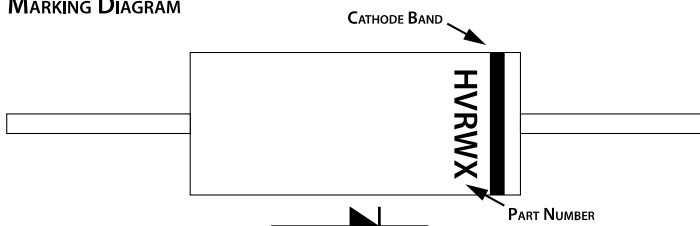
¹125°C ambient temperature unless stated otherwise.

Drawings

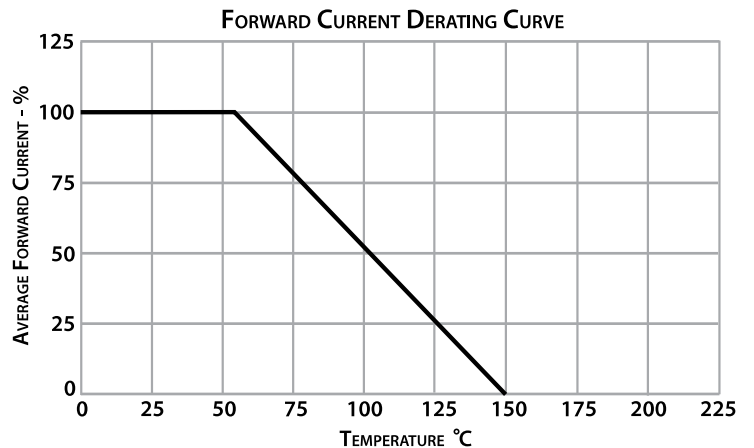


Dimensions in inches, tolerances ±0.020 except as noted

MARKING DIAGRAM



MARKING TYPE: SILVER, INKJET
(MARKINGS WILL WRAP ENTIRE BODY OF DIODE AND ARE SUBJECT TO MINOR CHANGES)





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Specification Definitions

Specifications		Conditions
V_{RRM}	Maximum Repetitive Reverse Voltage	-
I_{FAVM}	Maximum Average Forward Current	At $T_A = 55^\circ\text{C}$
V_F	Maximum Forward Voltage Drop	At I_{FAVM}
I_R	Maximum Leakage Current	At V_{RRM}
I_{FSM}	Maximum Surge Current	At 8.3mS, Single Half Sine
C_J	Typical Junction Capacitance	At $V_R = 0\text{VDC}$, $f = 1\text{MHz}$
T_{RR}	Maximum Reverse Recovery Time	$I_F = 500\text{mA}$; $I_R = -1000\text{mA}$; $I_{RR} = -250\text{mA}$

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

