



HV550 SERIES

8 to 45kV, 200 to 550mA, Standard Recovery
Axial Lead Power Diodes



Features

- 0.87" x 0.3" Package
- Molded Plastic Body, ANSI/UL94 V-0 Rated Material

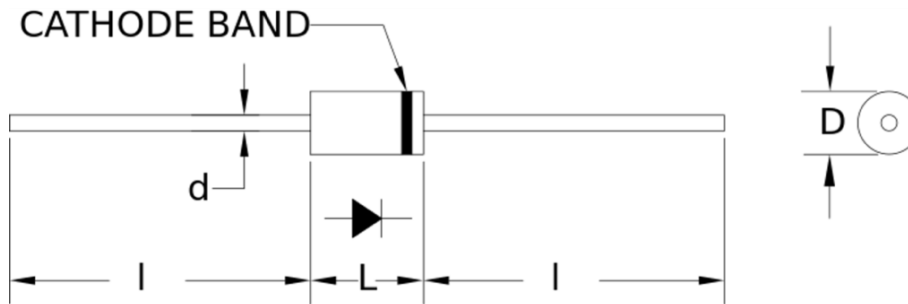
Specifications¹

Part Number	V _{RRM} V	I _{FAVM} mA	V _F V	I _R μA	I _{FSM} A	L in.	D in.	d in.	l in.
HV550S08	8000	550	8	5	30	0.87	0.30	0.05	0.94
HV550S10	10000	450	9	5	30	0.87	0.30	0.05	0.94
HV550S12	12000	400	12	5	30	0.87	0.30	0.05	0.94
HV550S15	15000	350	14	5	30	0.87	0.30	0.05	0.94
HV550S20	20000	250	17	5	30	0.87	0.30	0.05	0.94
HV550S25	25000	200	21	5	30	0.87	0.30	0.05	0.94
HV550S30	30000	200	25	5	30	0.87	0.30	0.05	0.94
HV550S45	45000	100	40	5	30	0.87	0.30	0.05	0.94

Temperature °C	
Operating Temperature	-55 to 125
Storage Temperature	-55 to 175
Maximum Junction Temperature	125

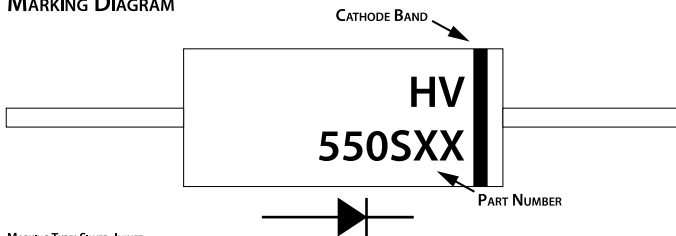
¹125°C ambient temperature unless stated otherwise.

Drawings

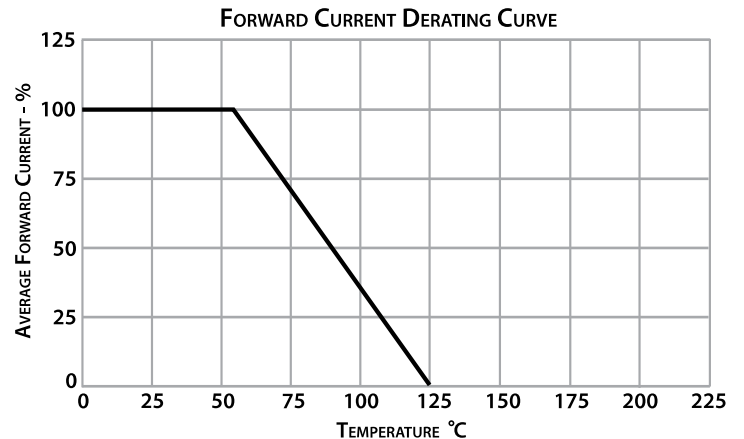


Dimensions in inches, tolerances ±0.020 except as noted

MARKING DIAGRAM



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





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

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

