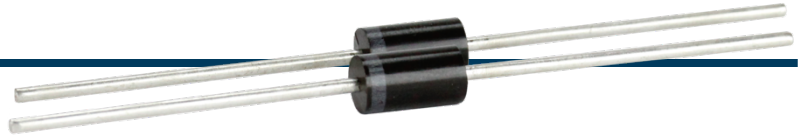




HV200UF SERIES

3 to 5kV, 200mA, 50nS
Axial Lead Power Diodes



Features

- DO-201AD Package
- Molded Plastic Body, ANSI/UL94 V-0 Rated Material

Specifications¹

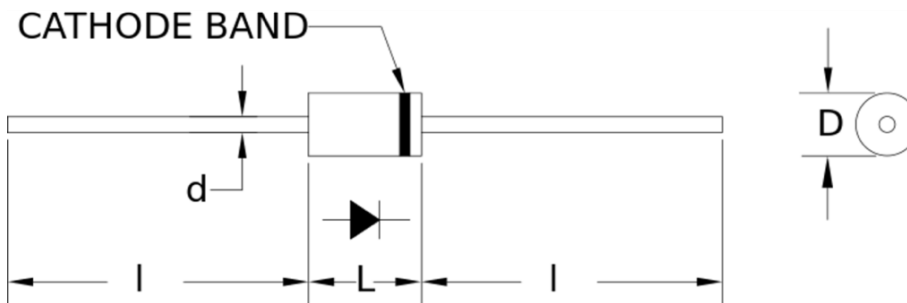
Part Number	V _{RRM} V	I _{FAVM1} ² mA	I _{FAVM2} ² mA	V _F V	I _R μA	I _{FSM} A	C _J pF	T _{RR} nS	L in.	D in.	d in.	l in.
HV200UF3	3000	200	375	15	1	8	12	50	0.354	0.197	0.05	0.94
HV200UF4	4000	200	375	15	1	8	12	50	0.354	0.197	0.05	0.94
HV200UF5	5000	200	375	15	1	8	12	50	0.354	0.197	0.05	0.94

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

¹125°C ambient temperature unless stated otherwise.

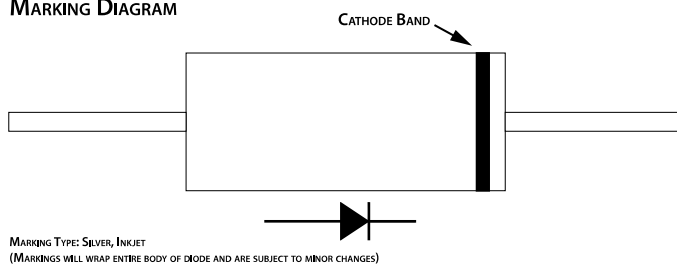
²Check Specification Definitions for conditions details.

Drawings

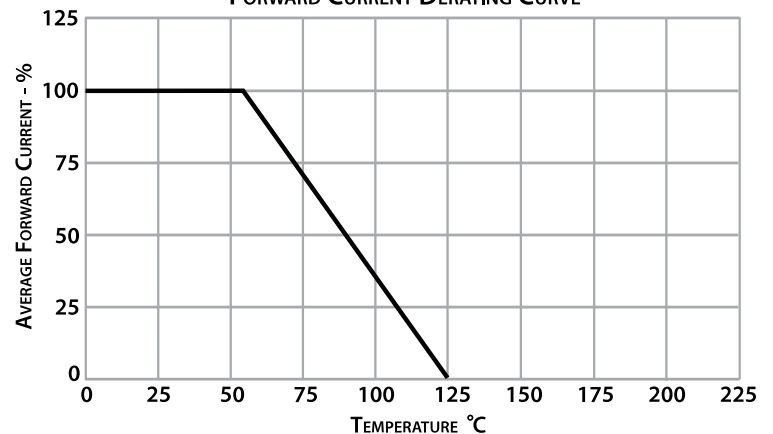


Dimensions in inches, tolerances ±0.020 except as noted

MARKING DIAGRAM



FORWARD CURRENT DERATING CURVE





Specification Definitions

Specifications		Conditions
V_{RRM}	Maximum Repetitive Reverse Voltage	-
I_{FAVM1}	Maximum Average Forward Current	At T _A = 55°C
I_{FAVM2}	Maximum Average Forward Current	At T _A = 55°C, in Oil
V_F	Maximum Forward Voltage Drop	At 100mA
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 = 0VDC, f = 1MHz
T_{RR}	Maximum Reverse Recovery Time	I _F = 0.5 I _{FAVM1} ; I _R = - I _{FAVM1} ; I _{RR} = -0.25 I _{FAVM1}

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

