

SH SERIES

8 to 15kV, 200 to 350mA, Standard Recovery
Axial Lead Medium Current Diodes



Features

- Medium Power
- Molded Plastic Body, ANSI/UL94 V-0 Rated Material

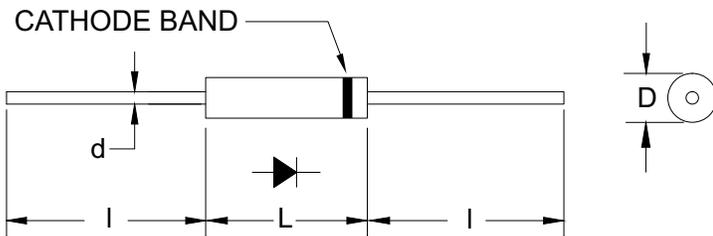
Specifications

Part Number	Values					
	V_{RRM} Maximum Repetitive Reverse Voltage (V)	I_{FAVM} Maximum Average Forward Current (mA)		V_F Maximum Forward Voltage Drop (V) $I_F = 100mA$	I_R Maximum Leakage Current (μA) At V_{RRM}	I_{FSM} Maximum Surge Current (A) At 8.3 mS, Single Half Sine
		At $T_A = 55^\circ C$, In Air	At $T_A = 55^\circ C$, In Oil			
SH70C08	8000	350	700	9.1	1	80
SH60C10	10000	300	600	11.4	1	80
SH50C12	12000	250	500	13.8	1	70
SH37C15	15000	200	375	16.1	1	70

Note: Specifications are measured with a 25°C ambient temperature unless stated otherwise.

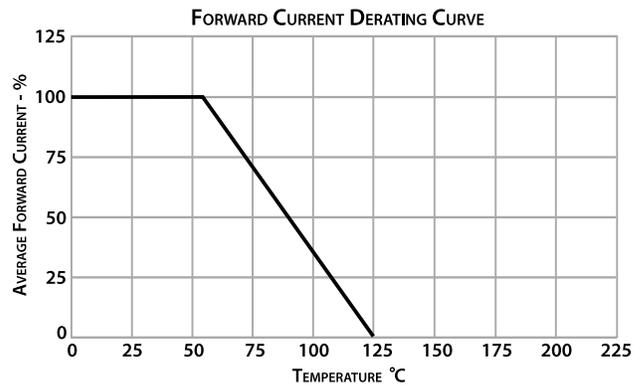
Temperature		
T_{STG}	Storage Temperature	-55 to 175°C
T_{OP}	Operating Temperature	-55 to 125°C
T_{JMAX}	Maximum Junction Temperature	125°C

Drawings and Curves



Dimensions			
L (in)*	D (in)*	d (in)	l (in)*
0.600	0.170	0.032	0.940

*Dimension tolerance ± 0.020



Cathode Band Marking Type: Solid Line with Part Number, Silver, Inkjet
Markings will wrap entire body of diodes and are subject to minor changes



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