

FH SERIES

2 to 30kV, 100 to 700mA, 40nS
Axial Lead Medium Current Diodes

Features

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



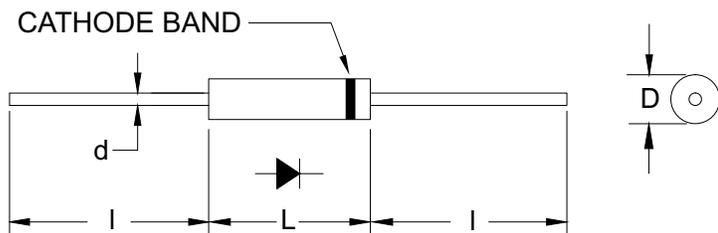
Specifications

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	C_J Typical Junction Capacitance (pF) At $V_R = 0VDC$, $f = 1MHz$	T_{RR} Maximum Reverse Recovery Time (nS) $I_F = 40mA$; $I_R = -80mA$; $I_{RR} = -20mA$
		At $T_A = 55^\circ C$, In Air	At $T_A = 55^\circ C$, In Oil					
FH140C02	2000	700	1400	3.9	1	70	27.0	40
FH90C04	4000	425	900	5.8	1	70	16.2	40
FH72C06	6000	350	725	7.6	1	70	12.6	40
FH60C08	8000	300	600	9.5	1	70	10.3	40
FH50C10	10000	250	500	11.3	1	60	8.0	40
FH42C12	12000	200	425	13.5	1	60	6.7	40
FH27C20	20000	150	275	22.5	1	40	4.1	40
FH20C30	30000	100	200	35.5	1	40	2.7	40

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

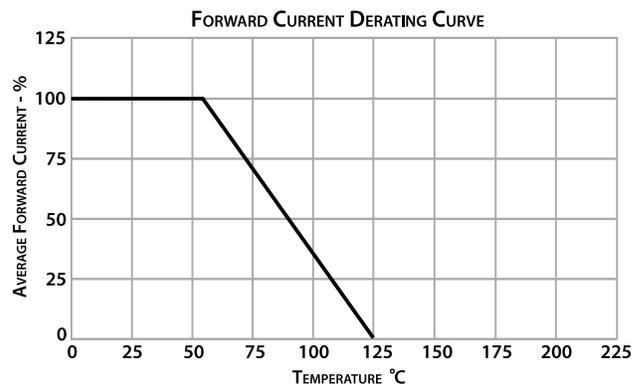
Drawings and Curves



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.