

Low Frequency high voltage diodes

Reverse Voltage –3KV

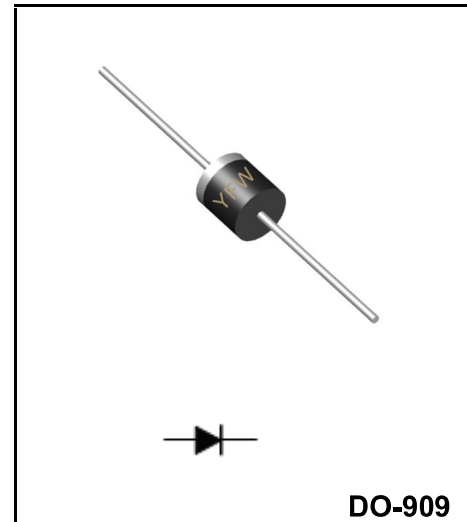
Forward Current –2A

FEATURES

- ◆Supersmall size
- ◆High reliability
- ◆Epoxy meets UL94V-0 flammability rating

MECHANICAL DATA

- ◆Case: Molded Plastic Body
- ◆Terminals: Pure tin plated leads, solderable per J-STD-002 and JESD22-B102, E3 suffix for consumer grade, meet JESD201 class 1A whisker test.
- ◆Color band denotes cathode end



Marking Code

HVRM3

YFW HVRM3

Parameter			Symbols	HVRM3	Units
Repetitive peak reverse voltage			V_{RRM}	3	KV
Non-Repetitive peak reverse voltage			V_{RSM}	3.2	KV
Average forward current	60Hz half-sine wave, Resistance load, Ta=25°C		$I_{F(AV)}$	2	A
Surge(Non-repetitive)forward current	50Hz half-sine wave, 1cycle, Ta=25°C		I_{FSM}	60	A
Peak forward voltage	Ta=25°C; at IFAVM		V_{FM}	3.6	V
Peak reverse current	$V_{RM}=V_{RRM}$	Ta=25°C	I_{RRM}	2	μA
		Ta=100°C		20	
Storage temperature			T_{stg}	-40 ~ +150	°C
Virtual junction temperature			$T_{(vj)}$	150	°C
Operating ambient temperature			T_a	-50~ +150	°C

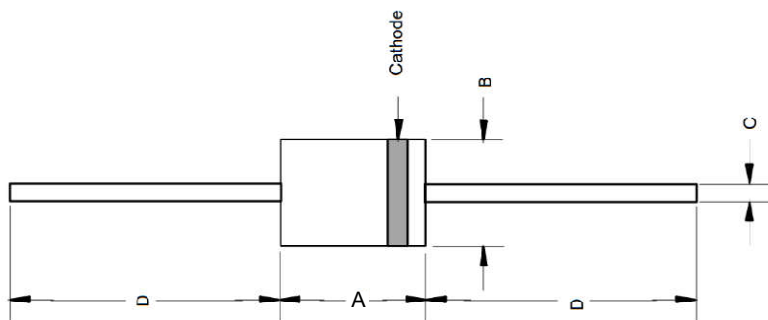
Ordering information

Package	Packing Description	Packing Quantity
DO-909	bulk	100PCS/Inner Bag 1000PCS/Carton

Package Dimensions(Millimeter(mm))

DO-909

Dim.	Millimeter(mm)		INCHES	
	Min.	Max.	Min.	Max.
A	8.60	9.10	0.340	0.360
B	8.60	9.10	0.340	0.360
C	1.10	1.20	0.043	0.047
D	24.50	25.0	0.965	1.000



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