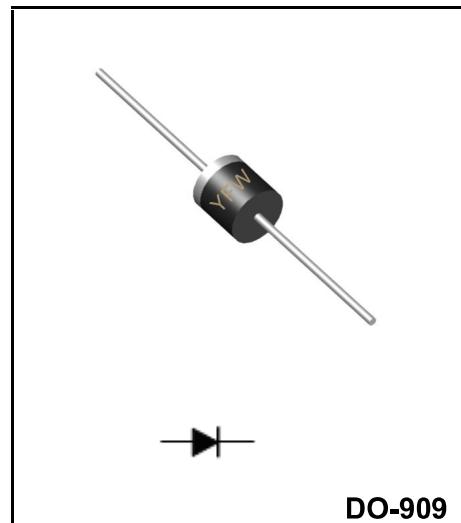


Low Frequency high voltage diodes
Reverse Voltage –3KV
Forward Current –2A
FEATURES

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

MECHANICAL DATA

- ◆ Case: Molded Plastic Body
- ◆ Terminals: Pure tinplated 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
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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 IFAMV	V_{FM}	3.6		V
Peak reverse current	$V_{RM}=V_{RRM}$	I_{RRM}	2		μ A
	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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