

Fast recovery high voltage diodes

Reverse Voltage – 20KV

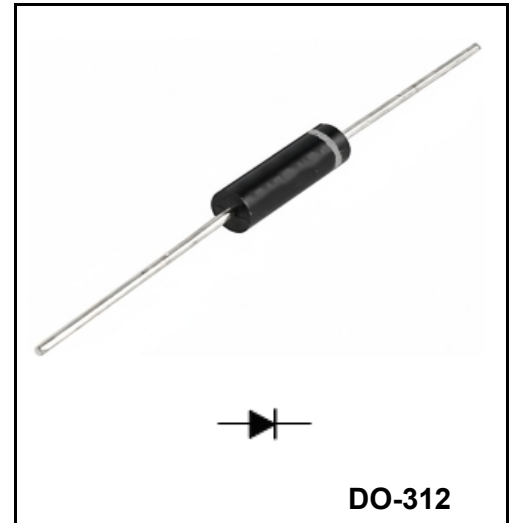
Forward Current –30mA

FEATURES

- ◆Supersmall size
- ◆High reliability
- ◆High speed switching

MECHANICAL DATA

- ◆Case: Molded Plastic Body
- ◆Epoxy meets UL 94V-0 flammability rating
- ◆Terminals: Pure tin plated leads, solderable per J-STD-002and JESD22-B102, E3 suffix for consumer grade, meet JESD201class 1A whisker test.
- ◆Polarity: Color band denotes cathode end



Marking Code	
DD2000	YFW DD2000

Maximum rating (Ta=25°C unless otherwise noted)

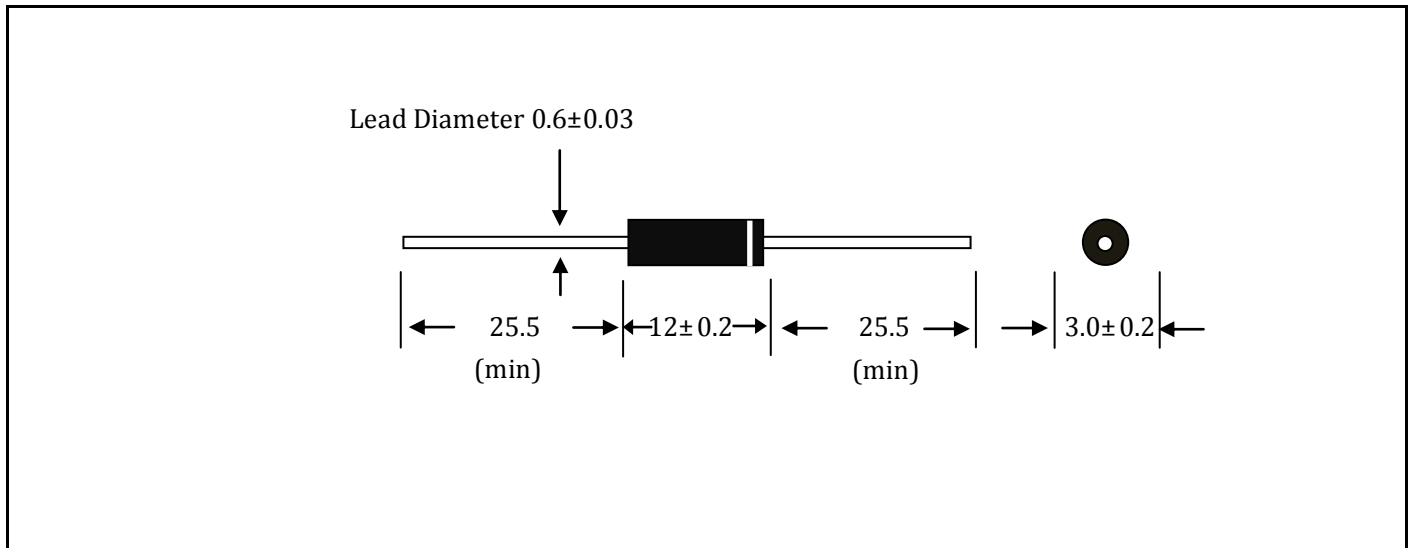
Item	Symbol	DD2000	Unit
Repetitive peak reverse voltage	V_{RRM}	20	KV
Non-Repetitive peak reverse voltage	V_{RSM}	20	KV
Average forward current	$I_{F(AV)}$	30	mA
Surge(Non-repetitive)forward current	I_{FSM}	3	A
Peak forward voltage	V_{FM}	40	V
Peak reverse current	I_{RRM}	5	μ A
Reverse recovery time	T_{rr}	0.15	μ S
Storage Temperature Range	T_{stg}	-40 ~ +150	°C
Virtual junction temperature	$T_{(vj)}$	150	°C

Ordering information

Package	Packing Description	Packing Quantity
DO-312	ammo pack	5000PCS/Inner Box 50000PCS/Carton

Package Dimensions(Millimeter(mm))

DO-312



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