

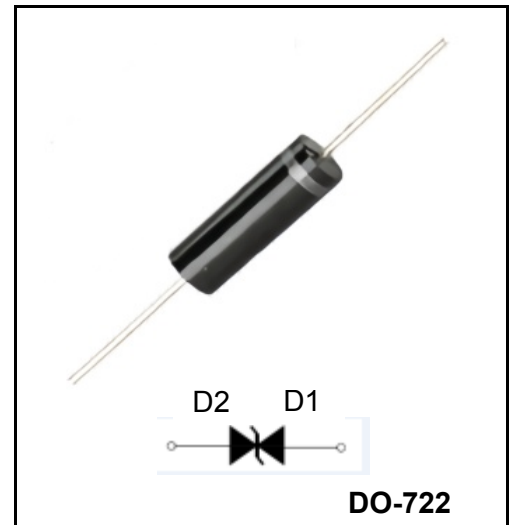
Fast recovery high voltage diodes

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-002 and JESD22-B102, E3 suffix for consumer grade, meet JESD201 class 1A whisker test.
- ◆ Polarity: Color band denotes cathode end



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

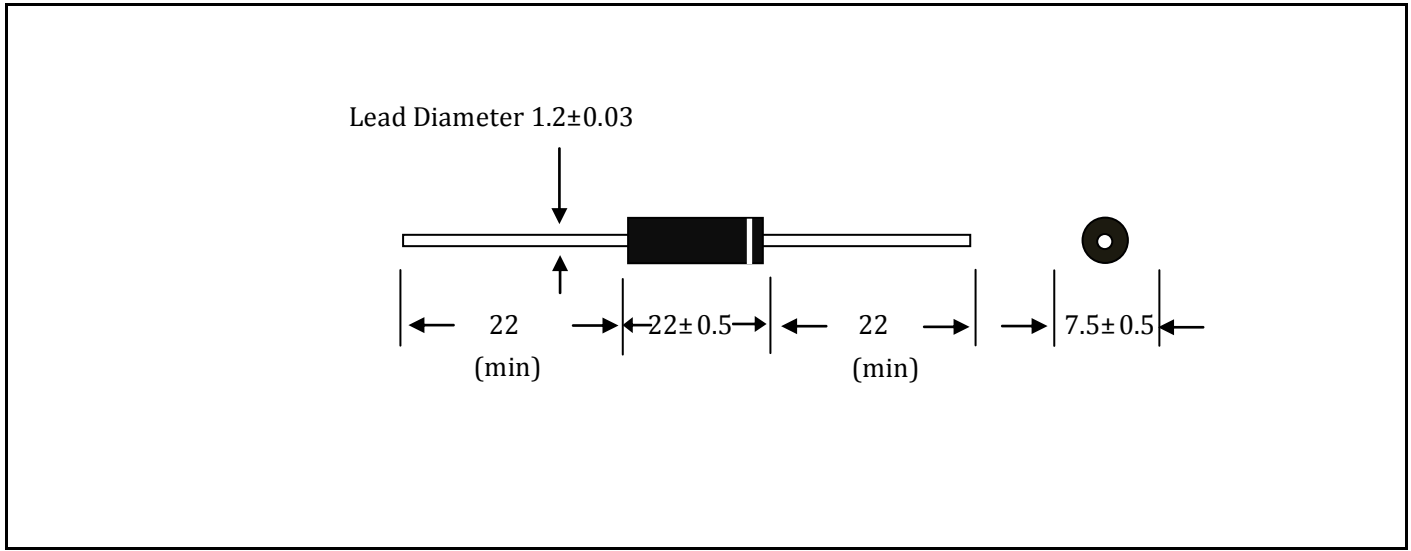
Item	Symbol	2CLS01		2CLS02		2CLS03		Unit
		D1	D2	D1	D2	D1	D2	kV
Repetitive peak reverse voltage	V_{RRM}	6	1.7	6	1.5	6	1.3	kV
Avalanche Breakdown voltage	$V_{(BR)}$	≥ 7	2.1-2.8	≥ 7	1.8-2.4	≥ 7	1.5-2.1	kV
Peak reverse current	I_{RRM}	10						μA
Storage Temperature Range	T_{stg}	-40 ~ +130						°C
Virtual junction temperature	$T_{(vj)}$	130						°C

Ordering information

Package	Packing Description	Packing Quantity
DO-722	bulk	500PCS/Inner Bag 5000PCS/Carton

Package Dimensions(Millimeter(mm))

DO-722



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