

Fast Recovery High Voltage Diodes
Reverse Voltage – 30KV
Forward Current – 200mA
FEATURES

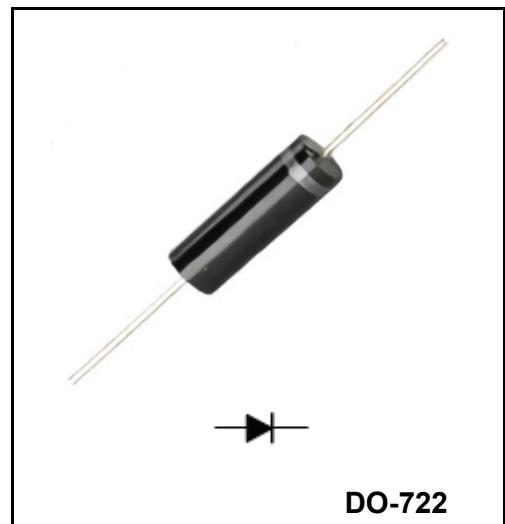
- ◆ Supersmall size
- ◆ High reliability
- ◆ High speed switching

Applications

Rectification for high voltage power supply of color T.V.、CRT display、V.T.R camera and Others

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


DO-722

Marking Code	
2CL2030H	YFW 2CL2030H

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

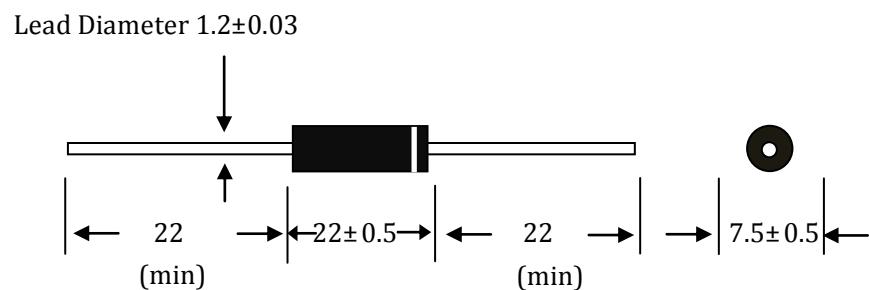
Parameter		Symbols	2CL2030H		Units
Repetitive peak reverse voltage		V _{RRM}	30		KV
Average forward current	60Hz half-sine wave, Resistance load, Ta=25°C	I _{F(AV)}	200		mA
Surge(Non-repetitive)forward current	60Hz half-sine wave, 1cycle, T _a =25°C	I _{FSM}	10		A
Peak forward voltage	I _{FM} =100mA	V _{FM}	46		V
Peak reverse current	V _{RM} =V _{RRM}	I _{RRM}	5 50		μA
Reverse recovery time	I _F =10mA, I _{RM} =20mA	trr	0.08		μs
Operating ambient temperature		T _a	-40 ~ +125		°C
Storage Temperature Range		T _{stg}	-40 ~ +125		°C
Virtual junction temperature		T _(vj)	125		°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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