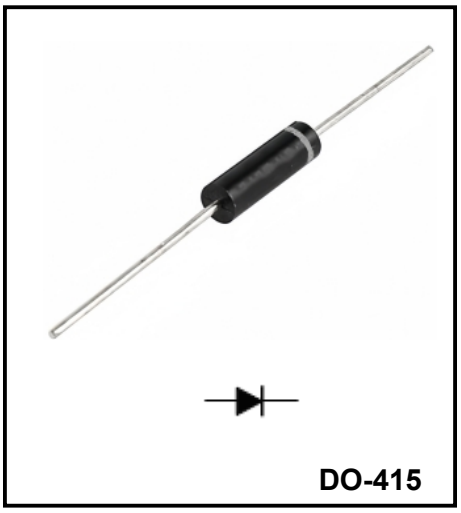
Fast Recovery High Voltage Diodes

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

Marking Code	
2CL2030	YFW 2CL2030

Maximum rating (Ta=25℃ unless otherwise noted)

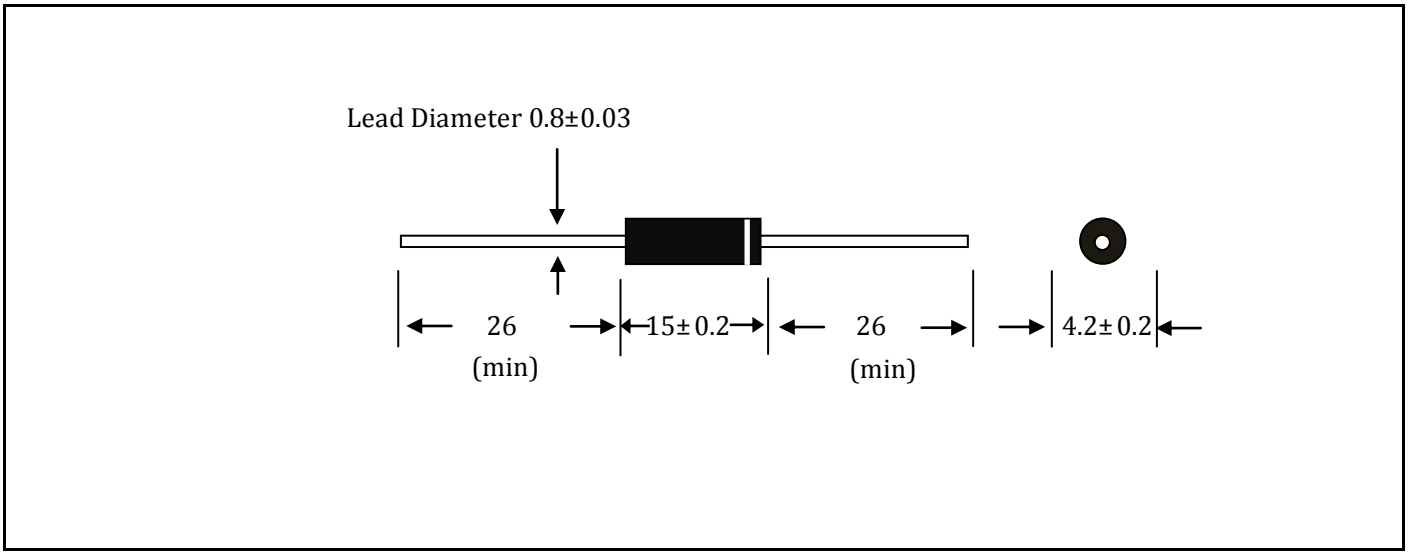
Parameter		Symbols	2CL2030	Units
Repetitive peak reverse voltage		V_{RRM}	30	KV
Average forward current	60Hz half-sine wave, Resistance load, Ta=25°C	$I_{F(AV)}$	200	mA
Surge(Non-repetitive)forward current	60Hz half-sine wave,1cycle,T_a=25°C	I_{FSM}	10	A
Peak forward voltage	I_{FM}=100mA	V_{FM}	46	V
Peak reverse current $V_{RM}=V_{RRM}$	T_a=25°C	I_{RRM}	5	μA
	T_a=100°C		50	
Reverse recovery time	I_F=10mA,I_{RM}=20mA	Trr	0.08	uS
Operating ambient temperature		Ta	-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-415	bulk	100PCS/Inner Bag 2000PCS/Carton

Package Dimensions(Millimeter(mm)

DO-415



Disclaimer

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