

High voltage diodes

Reverse Voltage – 6kV

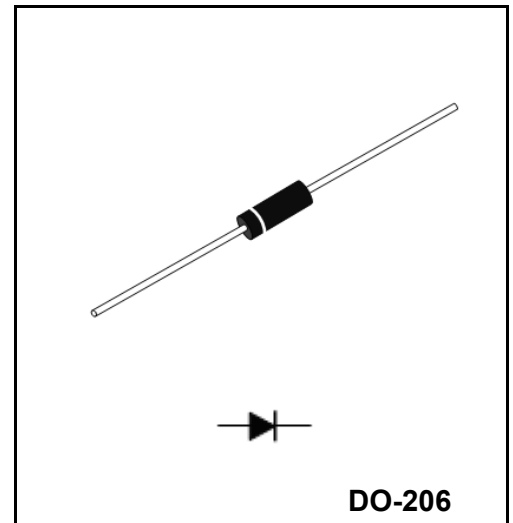
Forward Current –200mA

FEATURES

- ♦Supersmall size
- ♦High reliability

MECHANICAL DATA

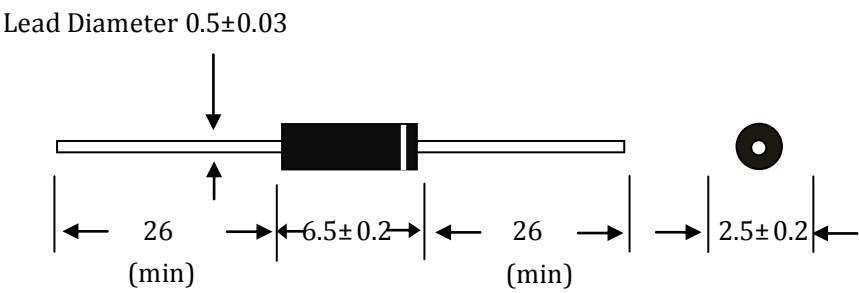
- ♦Case: Molded Plastic Body
- ♦Epoxy meets UL 94V-0 flammability rating
- ♦Terminals: Pure tin plated leads, solderable per J-STD-002and JESD22-B102, E3 suffix for consumer grade, meet JESD201class 1A whisker test.
- ♦Polarity: Color band denotes cathode end



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

Parameter		Symbol	2CL2060	Unit
Repetitive peak reverse voltage		V_{RRM}	6	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, Ta=25°C	I_{FSM}	20	A
Peak forward voltage	$I_{FM}=200mA$	V_{FM}	7	V
Peak reverse current $V_{RM}=V_{RRM}$	Ta=25°C	I_{RRM1}	5 50	μA
	Ta=100°C			
Operating ambient temperature		T_a	-55~ +150	°C
Storage Temperature Range		T_{stg}	-55 ~ +150	°C

Package outline dimensions



Summary of Packing Options

Package	Packing Description	Packing Quantity	Industry Standard
DO-206	BOX	5000	EIA-481-1