

■ Features

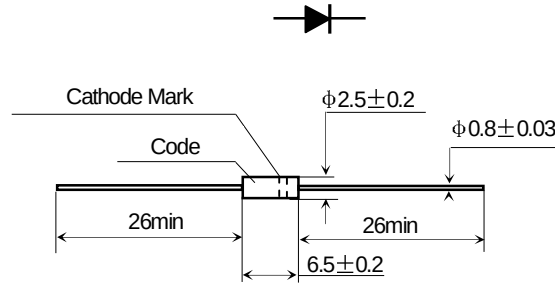
- Supersmall size
- High reliability

■ Applications

- High Voltage Diodes for Ammeter

Outline Dimensions and Mark

Unit: mm



Type	Code	Cathode Mark
2CL2060	T2060	

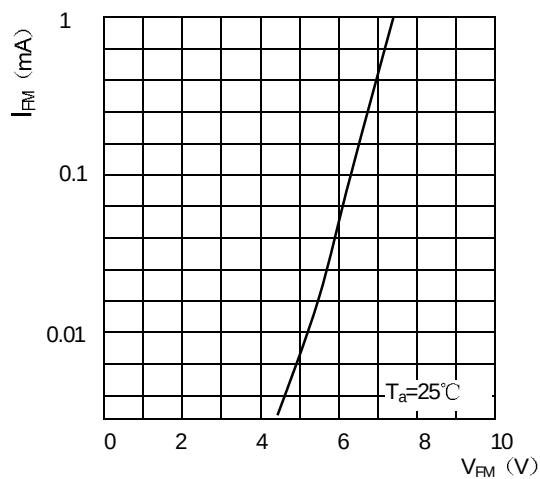
■ Limiting Values (Absolute Maximum Rating)

Item	Symbol	Unit	2CL2060
Repetitive Peak Reverse Voltage	V_{RRM}	kV	6
Average Forward Current	$I_{F(AV)}$	A	0.2 (50Hz Half-sine wave, Resistance load, $T_a=25^{\circ}\text{C}$)
Surge(Non-repetitive)Forward Current	I_{FSM}	A	20 (50Hz Half-sine wave, 1cycle, $T_a=25^{\circ}\text{C}$)
Operating Ambient Temperature	T_a	$^{\circ}\text{C}$	-55 ~ +125
Storage Temperature	T_{stg}	$^{\circ}\text{C}$	-55~ +150

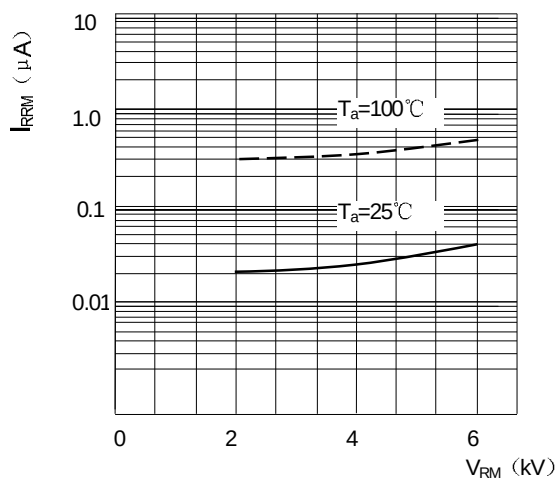
■ Electrical Characteristics ($T_a=25^{\circ}\text{C}$ Unless otherwise specified)

Item	Symbol	Unit	Test Condition	Max
Peak Forward Voltage	V_{FM}	V	$I_{FM}=0.2\text{A}$	7.0
Peak Reverse Current	I_{RRM1}	μA	$V_{RM}=V_{RRM}$ $T_a=25^{\circ}\text{C}$	5
	I_{RRM2}			$T_a=100^{\circ}\text{C}$ 50

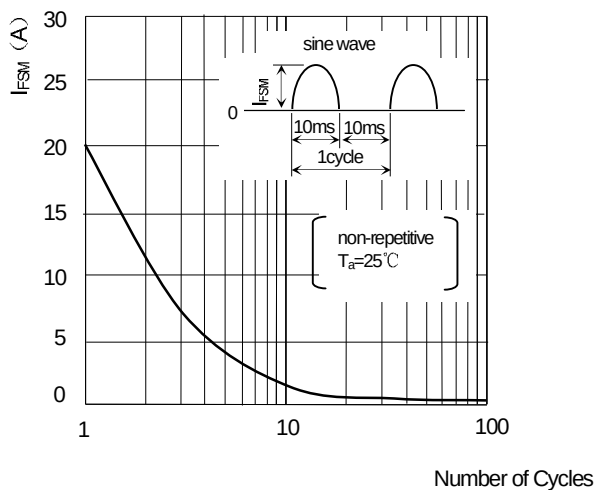
■ Characteristics(Typical)



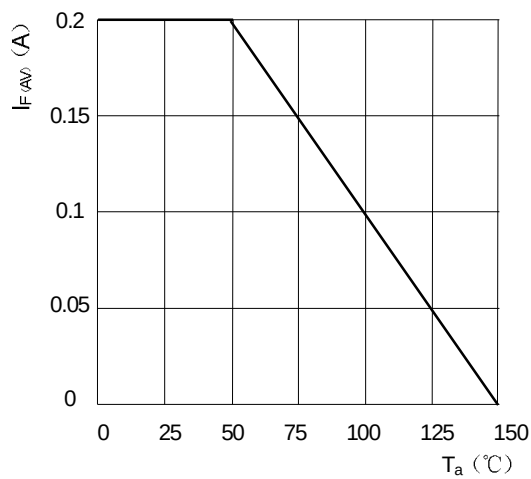
Forward Characteristics



Reverse Characteristics



Surge Forward Current Capability



$I_{F(AV)}$ — T_a Derating