

**VOLTAGE RANGE: 10KV**  
**CURRENT: 60mA**

### Features

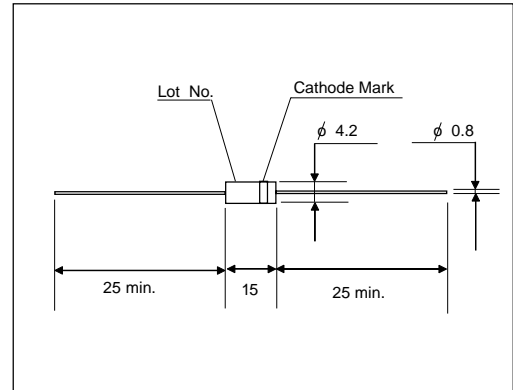
- High speed switching
- High Current
- High surge resistivity for CRT discharge
- High reliability design
- High Voltage

### Applications

- X light Power supply
- Laser
- Voltage doubler circuit
- Microwave emission power



### Outline Drawings : mm



### Maximum Ratings and Electrical Characteristics T<sub>A</sub> = 25°C unless otherwise specified

Items	Symbols	Condition	2CL2FG	Units
Repetitive Peak Reverse Voltage	V <sub>RRM</sub>		10	kV
Average Output Current	I <sub>o</sub>	T <sub>a</sub> =25°C, Resistive Load	60	mA
Surge Current	I <sub>FSM</sub>		10	A <sub>peak</sub>
Junction Temperature	T <sub>J</sub>		155	°C
Allowable Operation Case Temperature	T <sub>c</sub>		125	°C
Storage Temperature	T <sub>stg</sub>		-40 to +155	°C

Items	Symbols	Conditions	2CL2FG	Units
Maximum Forward Voltage Drop	V <sub>F</sub>	at 25°C, I <sub>F</sub> = I <sub>F(AV)</sub>	18	V
Maximum Reverse Current	IR1	at 25°C, V <sub>R</sub> = V <sub>RRM</sub>	2.0	uA
	IR2	at 100°C, V <sub>R</sub> = V <sub>RRM</sub>	50	uA
Maximum Reverse Recovery Time	T <sub>rr</sub>	at 25°C	150	nS
Junction Capacitance	C <sub>j</sub>	at 25°C, V <sub>R</sub> =0V, f=1MHz	15	pF