

VOLTAGE RANGE: 10 KV
CURRENT: 60 mA

Features

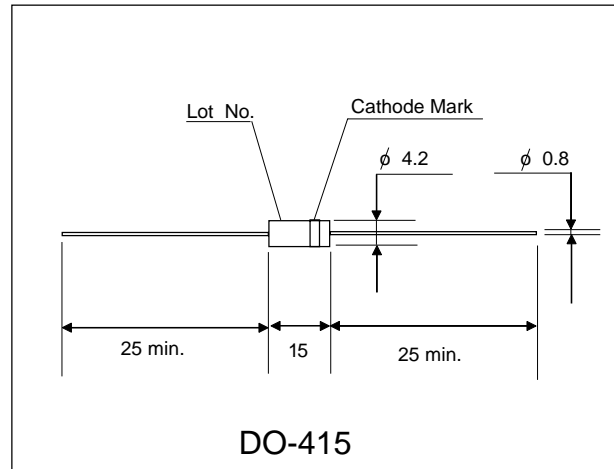
- High speed switching
- High Current
- High surge resistivity for CRT discharge
- High reliability design
- High Voltage

Applications

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



Outline Drawings : mm



Maximum Ratings and Electrical Characteristics

$T_A = 25^\circ\text{C}$ unless otherwise specified

Characteristic	Symbols	2CL2FG	Units
Repetitive Peak Reverse Voltage	V_{RRM}	10	kV
Average Output Current $T_a=25^\circ\text{C}$, Resistive Load	I_o	60	mA
Surge Current	I_{FSM}	10	A
Maximum Forward Voltage Drop at 25°C , $I_F = I_{F(AV)}$	V_F	18	V
Maximum Reverse Current	V_{RRM}	at 25°C	2.0
		at 100°C	50
Maximum Reverse Recovery Time at 25°C	T_{rr}	150	nS
Junction Capacitance at 25°C , $V_R=0\text{V}$, $f=1\text{MHz}$	C_j	15	pF
Junction Temperature	T_j	125	$^\circ\text{C}$
Allowable Operation Case Temperature	T_c	125	$^\circ\text{C}$
Storage Temperature	T_{stg}	-40 to +125	$^\circ\text{C}$