

VOLTAGE RANGE: 30 kV
CURRENT: 100mA

Features

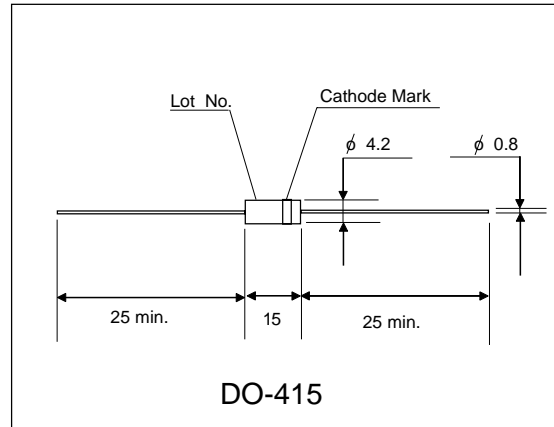
- High speed switching
- High Current
- High surge resistivity for CRT discharge
- High reliability design
- High Voltage

Applications

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



Outline Drawings : mm



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

Characteristic	Symbols	2CL2FP	Units
Repetitive Peak Reverse Voltage	V_{RRM}	30	kV
Average Output Current Ta=25°C, Resistive Load	I_o	100	mA
Suege Current	I_{FSM}	10	A_{peak}
Junction Temperature	T_j	125	°C
Allowable Operation Case Temperature	T_c	125	°C
Storage Temperature	T_{stg}	-40 to +125	°C
Maximum Forward Voltage Drop at 25°C, $I_F = 100\text{mA}$	V_F	52	V
Maximum Reverse Current at 25°C, $V_R = V_{RRM}$	I_{R1}	2.0	uA
	I_{R2}	50	uA
Maximum Reverse Recovery Time at 25°C	T_{rr}	100	nS
Junction Capacitance at 25°C, $V_R = 0\text{V}$, $f = 1\text{MHz}$	C_j	15	pF