

VOLTAGE RANGE: 30 KV
CURRENT: 100mA

Features

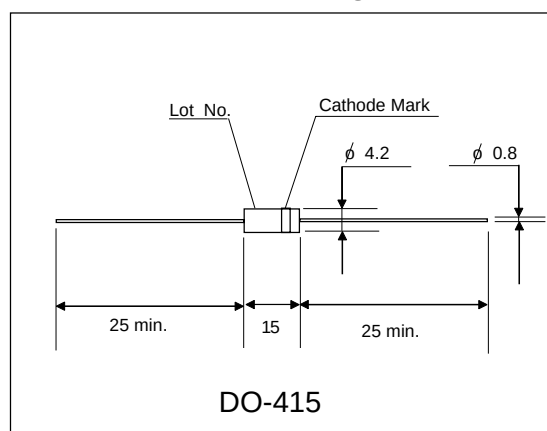
- High speed switching
- High Current
- High surge resistivity for CRT discharge
- High reliability design
- High Voltage

Applications

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



Outline Drawings : mm



Maximum Ratings T_A = 25°C unless otherwise specified

Characteristic	Symbols	2CL2FP	Units
Repetitive Peak Reverse Voltage	V _{RRM}	30	kV
Average Output Current T _a =25°C, Resistive Load	I _O	100	mA
Surge 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 = 100mA	V _F	52	V
Maximum Reverse Current at 25°C, V _R = V _{RRM} at 100°C, V _R = V _{RRM}	IR1	2.0	μA
	IR2	50	μA
Maximum Reverse Recovery Time at 25°C	T _{rr}	100	nS
Junction Capacitance at 25°C, V _R = 0V, f = 1MHz	C _j	15	pF