

VOLTAGE RANGE: 8 KV
CURRENT: 100mA

Features

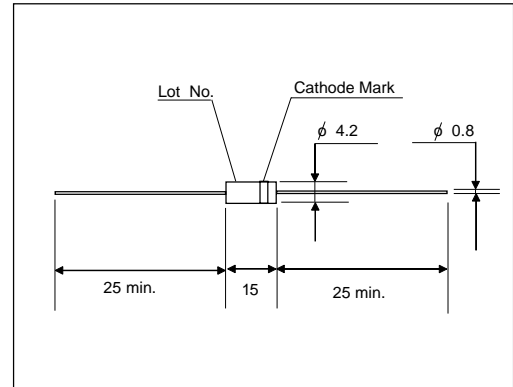
- High speed switching
- High Current
- High surge resistivity for CRT discharge
- High reliability design
- High Voltage

Applications

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



Outline Drawings : mm



Maximum Ratings and Electrical Characteristics T_A = 25°C unless otherwise specified

Items	Symbols	Condition	2CL2F	Units
Repetitive Peak Reverse Voltage	V _{RRM}		8	kV
Average Output Current	I _o	T _a =25°C, Resistive Load	100	mA
Surge Current	I _{FSM}		20	A _{peak}
Junction Temperature	T _J		155	°C
Allowable Operation Case Temperature	T _c		125	°C
Storage Temperature	T _{stg}		-40 to +155	°C

Items	Symbols	Conditions	2CL2F	Units
Maximum Forward Voltage Drop	V _F	at 25°C, I _F = 100mA	10	V
Maximum Reverse Current	IR1	at 25°C, V _R = V _{RRM}	2.0	uA
	IR2	at 100°C, V _R = V _{RRM}	40	uA
Maximum Reverse Recovery Time	T _{rr}	at 25°C	-	nS
Junction Capacitance	C _j	at 25°C, V _R =0V, f=1MHz	15	pF