



2CL2FK

PLASTIC FAST RECOVER HIGH VOLTAGE RECTIFIER

VOLTAGE RANGE: 10 KV
CURRENT: 100mA

Features

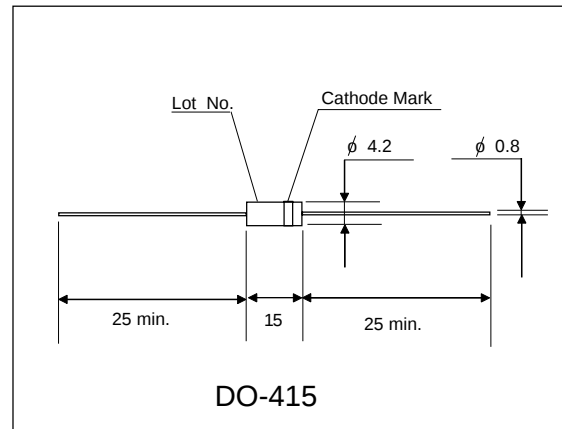
- High speed switching
- High Current
- High surge resisitivity for CRT discharge
- High reliability design
- High Voltage

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

Characteristic	Symbols	2CL2FK	Units
Repetitive Peak Reverse Voltage	V _{RRM}	10	kV
Average Output Current Ta=25°C, Resistive Load	I _O	100	mA
Surge Current	I _{FSM}	10	A
Maximum Forward Voltage Drop at 25°C, I _F = 100mA	V _F	22	V
Maximum Reverse Current at 25°C at 100°C	V _{RRM}	2.0	uA
		50	uA
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
Junction Temperature	T _j	125	°C
Allowable Operation Case Temperature	T _c	125	°C
Storage Temperature	T _{stg}	-40 to +125	°C