

VOLTAGE RANGE: 15KV
CURRENT: 100mA

Features

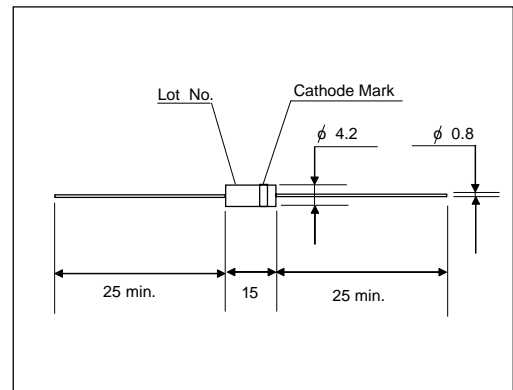
- High speed switching
- High Current
- High surge resistivity for CRT discharge
- High reliability design
- High Voltage

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 | 2CL2FL | Units |
|--------------------------------------|------------------|--------------------------------------|-------------|-------------------|
| Repetitive Peak Reverse Voltage | V _{RRM} | | 15 | kV |
| Average Output Current | I _o | T _a =25°C, Resistive Load | 100 | mA |
| Surge Current | I _{FSM} | | 10 | 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 | 2CL2FL | Units |
|-------------------------------|-----------------|---|--------|-------|
| Maximum Forward Voltage Drop | V _F | at 25°C, I _F = 100mA | 26 | V |
| Maximum Reverse Current | IR1 | at 25°C, V _R = V _{RRM} | 2.0 | uA |
| | IR2 | at 100°C, V _R = V _{RRM} | 50 | uA |
| Maximum Reverse Recovery Time | T _{rr} | at 25°C | 100 | |
| Junction Capacitance | C _j | at 25°C, V _R =0V, f=1MHz | 15 | pF |