

# High Voltage Rectifier Diodes



2CLG Series, Medium Current Standard Recovery Diodes

## Features

- High voltage, Medium current
- High reliability design
- Standard recovery
- Small package, Epoxy resin

## Applications

- High voltage power supply
- Voltage multiplier assembly
- High voltage generator
- Microwave Power

## Specifications

Items	Symbols	Condition	2CL2FL	Units
Repetitive Peak Reverse Voltage	$V_{RRM}$	$T_A=25^{\circ}\text{C}$ , $I_R=0.5\mu\text{A}$	15	kV
Max Average Forward Current	$I_{FAVM}$	50Hz at $T_A=55^{\circ}\text{C}$	100	mA
Reverse Recovery Time	$T_{rr}$		80-100	nS
Max Surge Current	$I_{FSM}$		10.0	A
Max Forward Voltage Drop	$V_{FM}$	$T_A=25^{\circ}\text{C}$	26	V
Max Reverse Current	$I_{RM1}$	$T_A=25^{\circ}\text{C}$ & $V_{RRM}$	2.0	$\mu\text{A}$
	$I_{RM2}$	$T_A=100^{\circ}\text{C}$ & $V_{RRM}$	15.0	$\mu\text{A}$
Operating Temperature	$T_o$		-40~+175	$^{\circ}\text{C}$
Storage Temperature	$T_{stg}$		-40~+150	$^{\circ}\text{C}$

## Outline Drawings

