

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	2CL2FP	Units
Repetitive Peak Reverse Voltage	V_{RRM}	$T_A=25^{\circ}\text{C}$, $I_R=0.5\mu\text{A}$	30	kV
Max Average Forward Current	I_{FAVM}	50Hz at $T_A=55^{\circ}\text{C}$	100	mA
Reverse Recovery Time	T_{rr}		100	nS
Max Surge Current	I_{FSM}		10.0	A
Max Forward Voltage Drop	V_{FM}	$T_A=25^{\circ}\text{C}$	45	V
Max Reverse Current	I_{RM1}	$T_A=25^{\circ}\text{C}$ & V_{RRM}	2.0	μA
	I_{RM2}	$T_A=100^{\circ}\text{C}$ & V_{RRM}	15.0	μA
Operating Temperature	T_o		-40~+175	$^{\circ}\text{C}$
Storage Temperature	T_{stg}		-40~+150	$^{\circ}\text{C}$

Outline Drawings

