



2CL100 SERIES

9 to 12kV, 450mA, Standard Recovery
Axial Lead Power Diodes



Features

- Medium Power
- Molded Plastic Body, ANSI/UL94 V-0 Rated Material

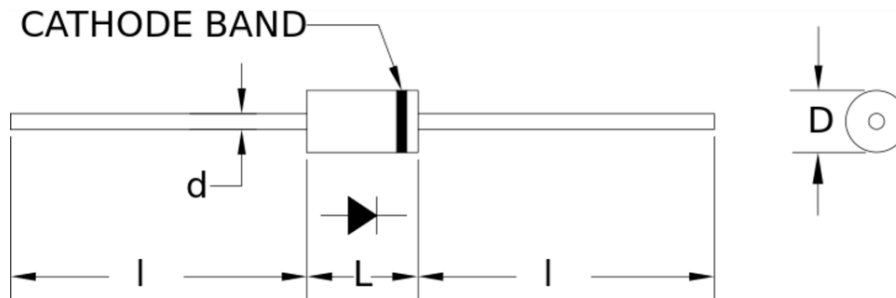
Specifications¹

Part Number	V_{RRM} V	I_{FAVM} mA	V_F V	I_R μA	I_{FSM} A	L in.	D in.	d in.	l in.
2CL105	9000	450	10	2	30	0.87	0.30	0.05	0.94
2CL106	12000	450	12	2	30	0.87	0.30	0.05	0.94

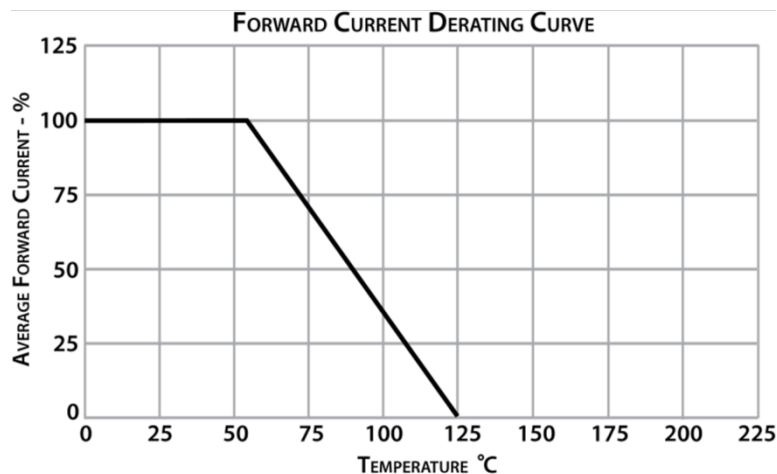
Temperature °C	
Storage Temperature	-55 to 175
Operating Temperature	-55 to 125
Maximum Junction Temperature	125

¹125°C ambient temperature unless stated otherwise.

Drawings



Dimensions in inches, tolerances ± 0.020 except as noted





Specification Definitions

	Specifications	Conditions
V_{RRM}	Maximum Repetitive Reverse Voltage	-
I_{FAVM}	Maximum Average Forward Current	At $T_A = 55^\circ\text{C}$
V_F	Maximum Forward Voltage Drop	At I_{FAVM}
I_R	Maximum Leakage Current	At V_{RRM}
I_{FSM}	Maximum Surge Current	At 8.3 mS, Single Half Sine

Note: Specifications subject to change without notice. Photo is representation only.

