

Fast Recovery High Voltage Diodes

Reverse Voltage –25KV

Forward Current –30mA

FEATURES

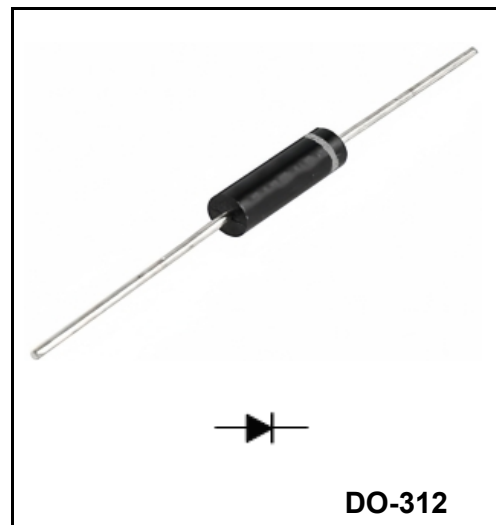
- ◆Supersmall size
- ◆High reliability
- ◆High speed switching

Applications

Rectification for high voltage power supply of color T.V、CRT display、V.T.R camera and Others

MECHANICAL DATA

- ◆Case: DO-312
- ◆Epoxy meets UL 94V-0 flammability rating
- ◆Terminals: Pure tin plated leads, solderable per J-STD-002 and JESD22-B102, E3 suffix for consumer grade, meet JESD201 class 1A whisker test.
- ◆Polarity: Color band denotes cathode end



Marking Code	
2CL0325	YFW 0325

Maximum rating (Ta=25°C unless otherwise noted)

Parameter		Symbols	2CL0325	Units
Repetitive peak reverse voltage		V_{RRM}	25	KV
Non-Repetitive peak reverse voltage		V_{RMS}	26	KV
Average forward current	60Hz half-sine wave, Resistance load, Ta=25°C	$I_{F(AV)}$	30	mA
Surge(Non-repetitive)forward current	60Hz half-sine wave, 1cycle, Ta=25°C	I_{FSM}	3	A
Peak forward voltage	$I_{FM}=30mA$	V_{FM}	50	V
Peak reverse current $V_{RM}=V_{RRM}$	Ta=25°C	I_{RRM}	2	μA
	Ta=100°C		30	
Reverse recovery time	$I_F=2mA$, $I_{RM}=4mA$	t_{rr}	0.1	μs
Storage Temperature Range		T_{stg}	-40 ~ +120	°C
Virtual junction temperature		$T_{(vj)}$	120	°C

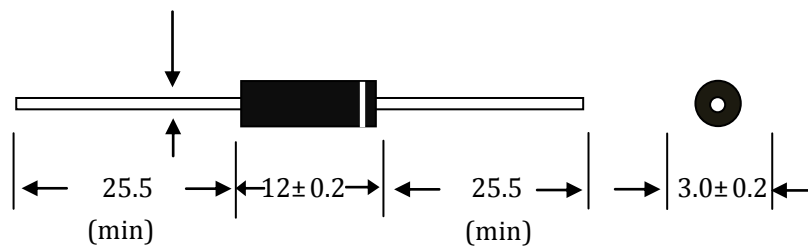
Ordering information

Package	Packing Description	Packing Quantity
DO-312	ammo pack	5000PCS/Inner Box 50000PCS/Carton

Package Dimensions(Millimeter(mm))

DO-312

Lead Diameter 0.6 ± 0.03



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