



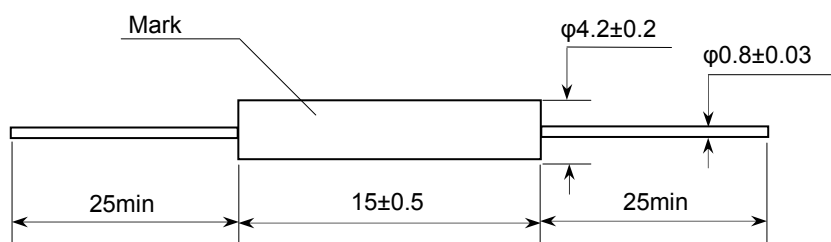
KI SEMICONDUCTOR CO.

High Voltage Diodes for Special Using

2CLG10/25

Outline Dimensions and Mark (example)

Unit: mm



➔ 2CLG10/25

Limiting Values (Absolute Maximum Rating)

Item	Symbol	Unit	2CLG10/25
Repetitive Peak Reverse Voltage	V_{RRM}	kV	25
Average Forward Current	$I_{F(AV)}$	mA	10
Surge(Non-repetitive)Forward Current	I_{FSM}	A	0.2
Storage Temperature	T_{stg}		-40~+125
Operating Ambient Temperature	T_a		-40~+100

Electrical Characteristics ($T_a=25$ Unless otherwise specified)

Item	Symbol	Test Condition	Unit	Max
				2CLG10/25
Peak Forward Voltage	V_{FM}	$I_{FM}=I_F (AV)$	V	60
Peak Reverse Current	I_{RRM1}	$T_a=25$	$V_{RM}=V_{RRM}$ μA	5
	I_{RRM2}	$T_a=100$		50
Reverse Recovery Time	t_{rr}	$I_{FM}=2mA$ $I_{RM}=4mA$	μs	0.4