



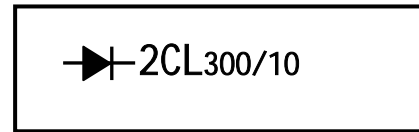
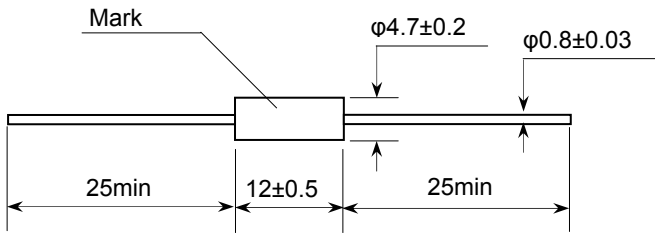
# KI SEMICONDUCTOR CO.

## High Voltage Diodes for Special Using

2CL300/10

### ■ Outline Dimensions and Mark (example)

Unit: mm



### ■ Limiting Values (Absolute Maximum Rating)

Item	Symbol	Unit	2CL300/10
Repetitive Peak Reverse Voltage	$V_{RRM}$	kV	10
Average Forward Current	$I_{F(AV)}$	mA	300
Surge(Non-repetitive)Forward Current	$I_{FSM}$	A	6
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	
				2CL300/10	
Peak Forward Voltage	$V_{FM}$	$I_{FM}=I_{F(AV)}$	V	20	
Peak Reverse Current	$I_{RRM1}$	$T_a=25$	$V_{RM}=V_{RRM}$	$\mu A$	5
	$I_{RRM2}$	$T_a=100$			50