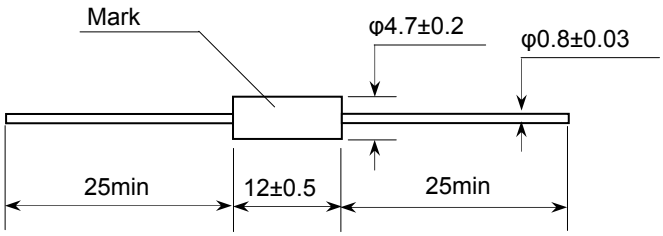
KI SEMICONDUCTOR CO.

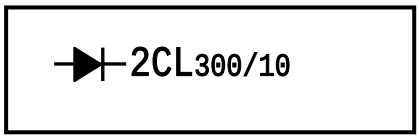
High Voltage Diodes for Special Using

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℃	$V_{RM}=V_{RRM}$	μA	5
	I_{RRM2}	T_a=100℃			50