

For high speed switching circuit.
For small current rectification.

FEATURES

- Low Forward Voltage : $V_F=0.66V(\text{Max})$.
- $I_O=200\text{mA}$ rectification possible.

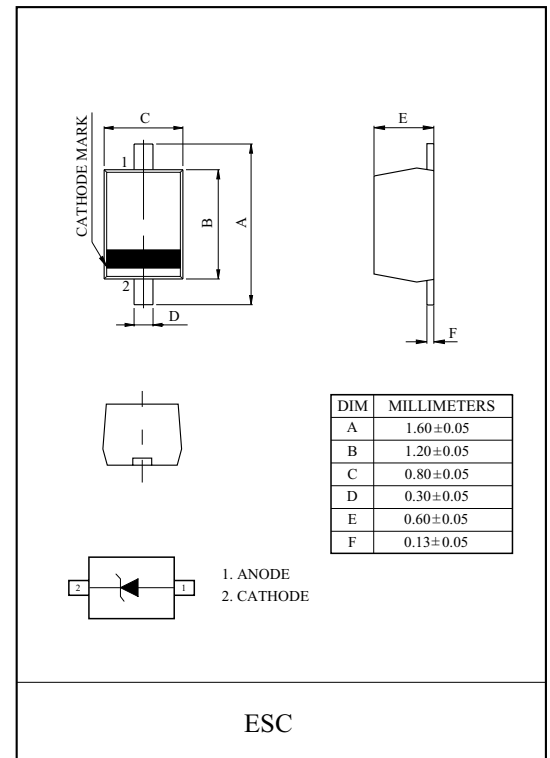
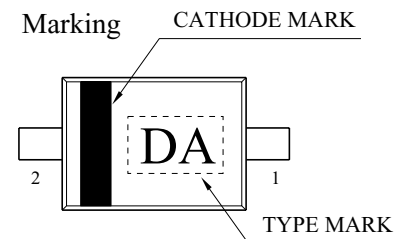
APPLICATIONS

- Ultra high-speed switching.
- Protection circuits.
- Low voltage rectification.
- Low power consumption applications.

MAXIMUM RATING ($T_a=25^\circ\text{C}$)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	60	V
Average Forward Current	I_O	200	mA
Forward Surge Current	I_{FSM}	2.5	A
Power Dissipation	P_D	150*	mW
Junction Temperature	T_j	150	$^\circ\text{C}$
Storage Temperature	T_{stg}	-55 150	$^\circ\text{C}$

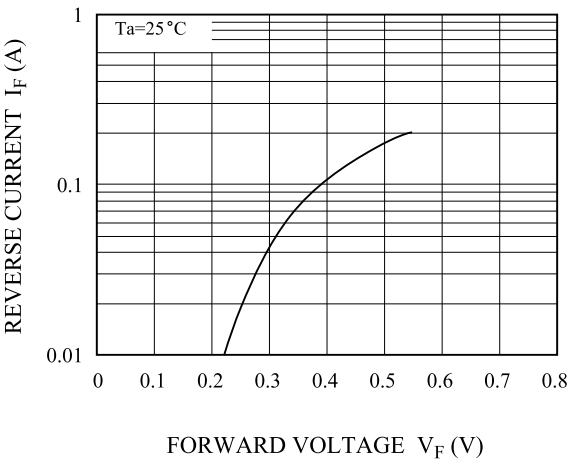
* Mounted on a glass epoxy circuit board of $20 \times 20\text{mm}$
pad dimension of $4 \times 4\text{mm}$

ELECTRICAL CHARACTERISTICS ($T_a=25^\circ\text{C}$)

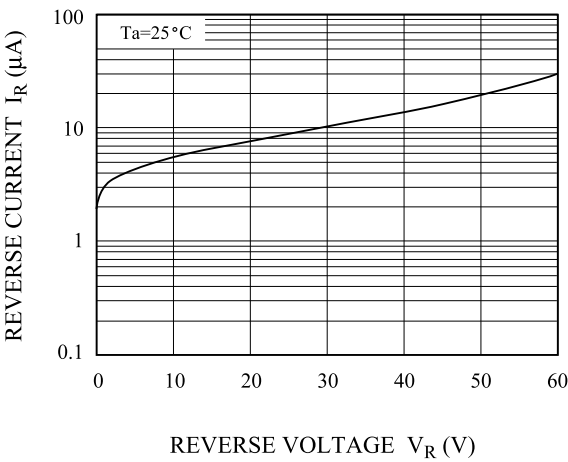
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V_F	$I_F=10\text{mA}$	-	-	0.3	V
		$I_F=100\text{mA}$	-	-	0.47	
		$I_F=200\text{mA}$	-	-	0.66	
Reverse Current	I_R	$V_R=10\text{V}$	-	-	10	μA
		$V_R=60\text{V}$	-	-	100	

KDR760E

$I_F - V_F$



$I_R - V_R$



$C_T - V_R$

