KDR760E

SCHOTTKY BARRIER TYPE DIODE

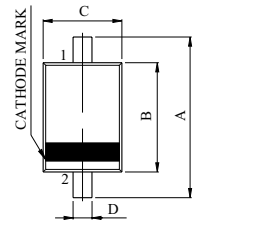
For high speed switching circuit.
For small current rectification.

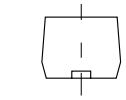
FEATURES

- Low Forward Voltage : V_F=0.66V(Max).
- I_O=200mA recification possible.

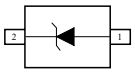
APPLICATIONS

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





DIM	MILLIMETERS
A	1.60±0.05
B	1.20±0.05
C	0.80±0.05
D	0.30±0.05
E	0.60±0.05
F	0.13±0.05



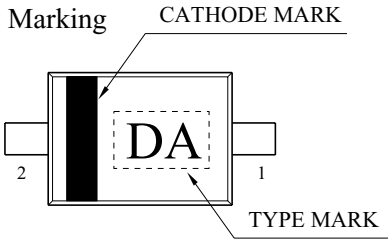
1. ANODE
2. CATHODE

ESC

MAXIMUM RATING (Ta=25℃)

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

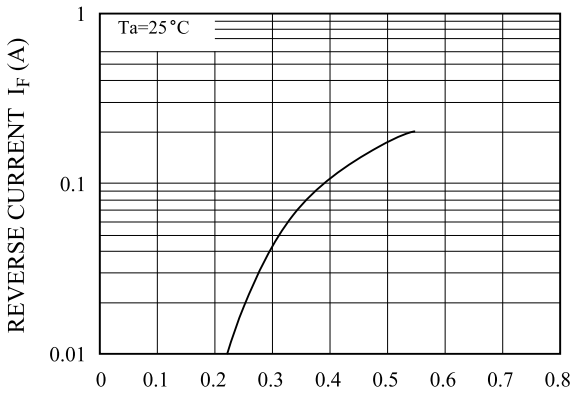
* Mounted on a glass epoxy circuit board of 20×20mm pad dimension of 4×4mm



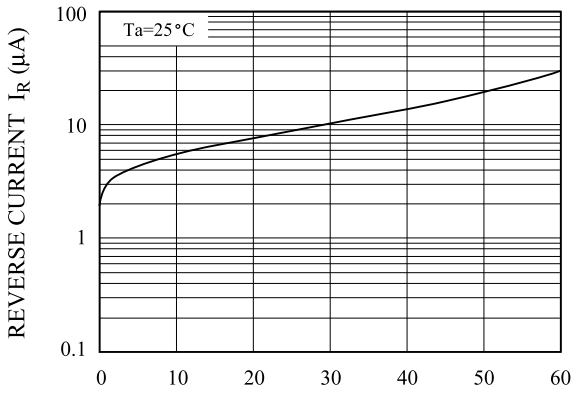
ELECTRICAL CHARACTERISTICS (Ta=25℃)

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

I_F - V_F



I_R - V_R



C_T - V_R