

LOW CURRENT RECTIFICATION AND HIGH SPEED SWITCHING.

FEATURES

- Low Reverse Current : $I_R=0.1 \mu\text{A}$ (Typ.)
- High Reliability.
- Small Package : ESC.
- Suffix U : Qualified to AEC-Q101.
ex) KDR730E-RTK/HU

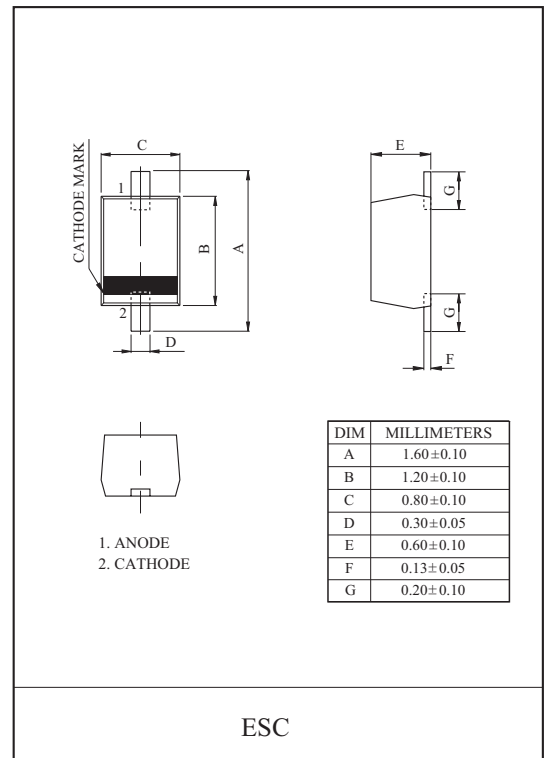
MAXIMUM RATING (Ta=25)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	30	V
Average Forward Current	I_O	200	mA
Surge Current (10ms)	I_{FSM}	1	A
Power Dissipation	P_D	150*	mW
Junction Temperature	T_j	125	
Storage Temperature Range	T_{stg}	-40 125	

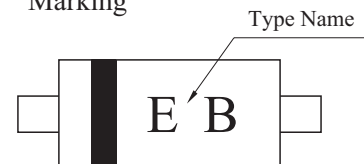
* : Mounted on a glass epoxy circuit board of 20 × 20mm,
pad dimension of 4 × 4mm.

ELECTRICAL CHARACTERISTICS (Ta=25)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V_F	$I_F=200\text{mA}$	-	-	0.60	V
Reverse Current	I_R	$V_R=10\text{V}$	-	-	1.0	μA

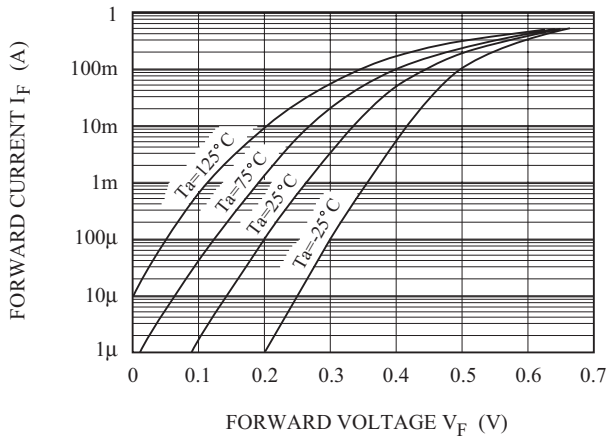


Marking

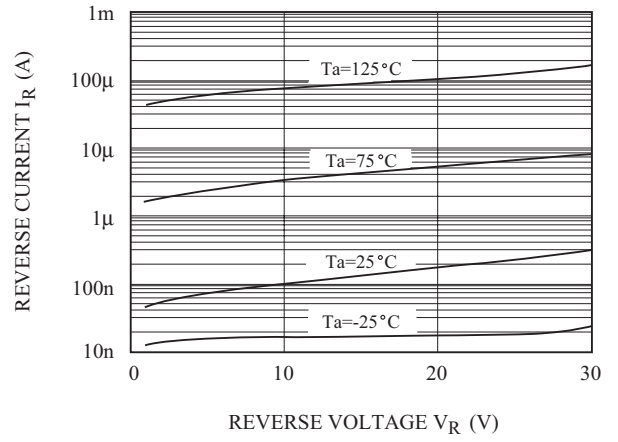


KDR730E

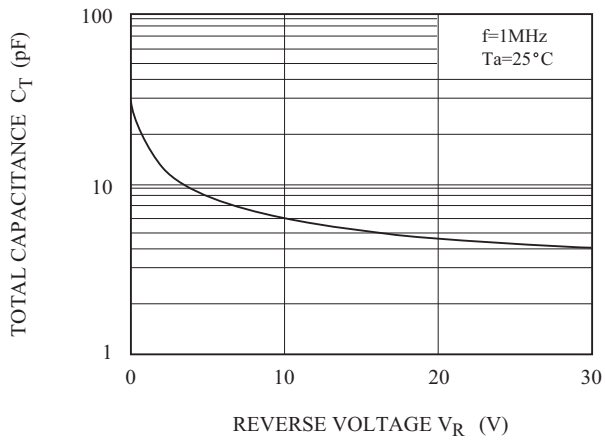
$I_F - V_F$



$I_R - V_R$



$C_T - V_R$



$P - T_a$

