

LOW CURRENT RECTIFICATION AND HIGH SPEED SWITCHING.

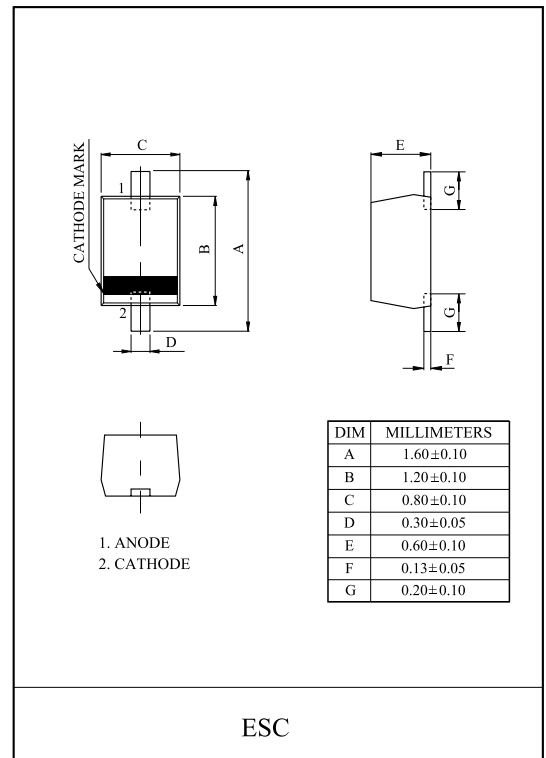
#### FEATURES

- Low Reverse Current :  $I_R=0.1 \mu\text{A}(\text{Typ.})$
- High Reliability.
- Small Package : ESC.

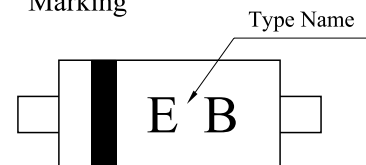
#### MAXIMUM RATING (Ta=25 )

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.



Marking

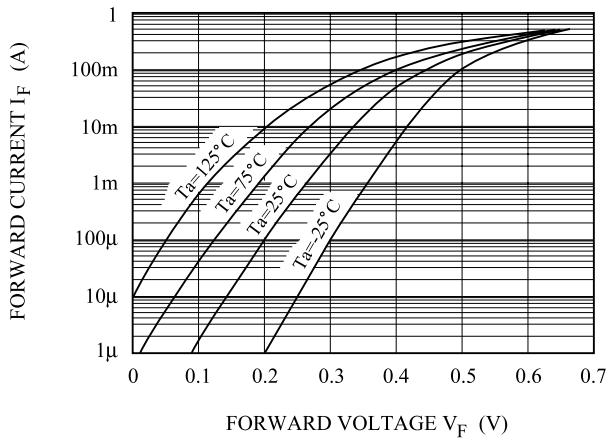


#### ELECTRICAL CHARACTERISTICS (Ta=25 )

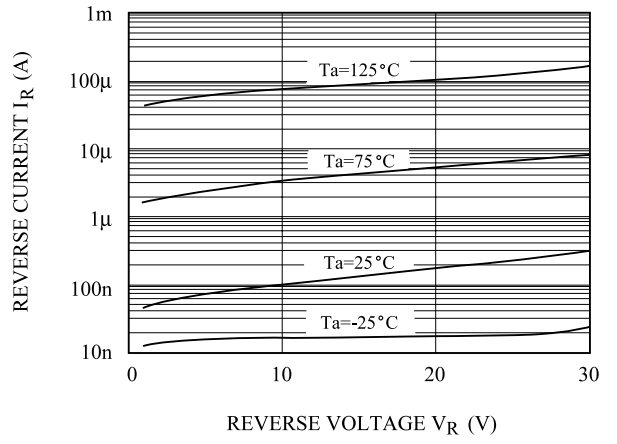
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	$V_F$	$I_F=200\text{mA}$	-	-	0.60	V
Reverse Current	$I_R$	$V_R=10\text{V}$	-	-	1.0	$\mu\text{A}$

# KDR730E

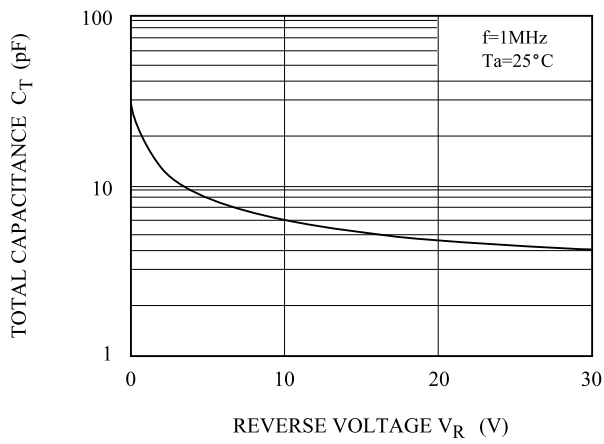
$I_F - V_F$



$I_R - V_R$



$C_T - V_R$



$P - T_a$

