

For high speed switching circuit.  
For small current rectification.

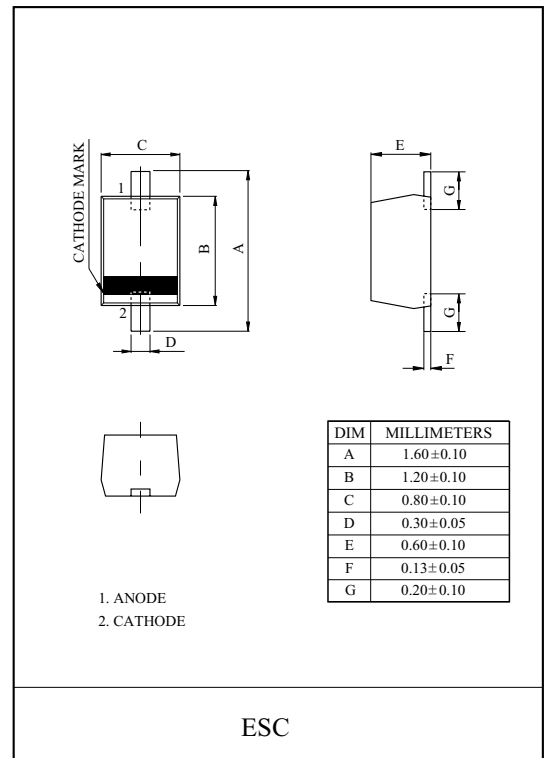
### FEATURES

- Low Forward Voltage :  $V_F=0.55V(\text{Max})$ .
- $I_O=200\text{mA}$  recification possible.

### MAXIMUM RATING (Ta=25 )

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

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



Marking

Type Name

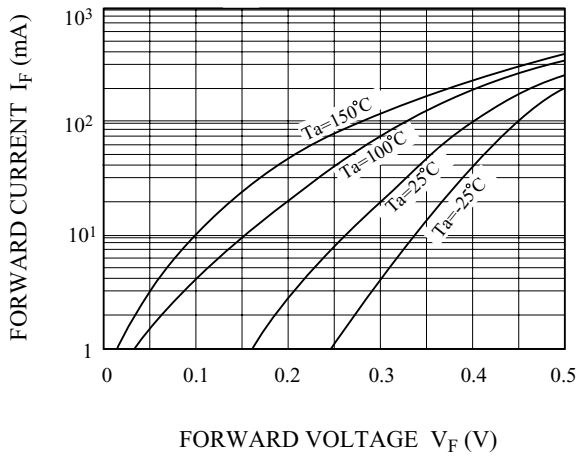


### ELECTRICAL CHARACTERISTICS (Ta=25 )

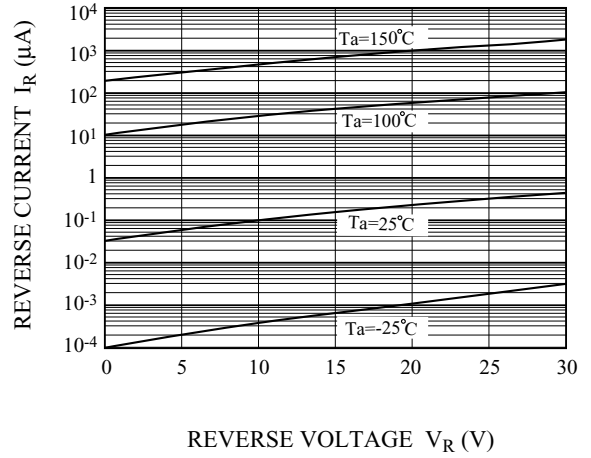
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	$V_F$	$I_F=200\text{mA}$	-	-	0.50	V
Reverse Current	$I_R$	$V_R=10\text{V}$	-	-	30	$\mu\text{A}$

# KDR720E

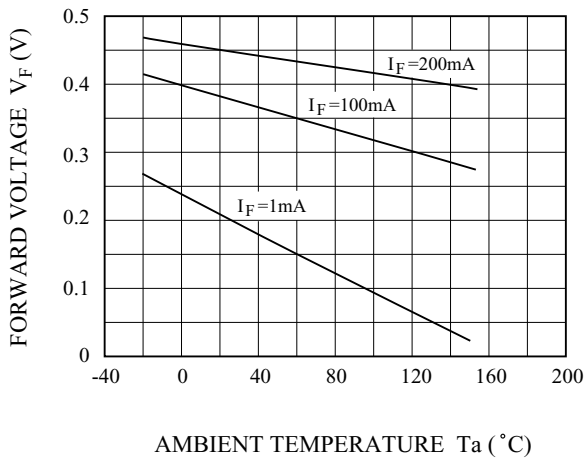
$I_F - V_F$



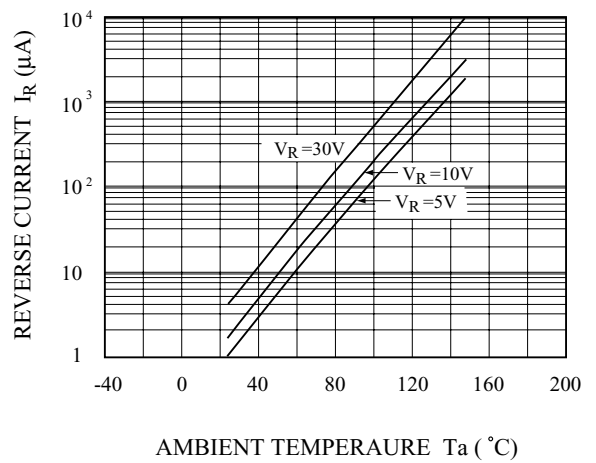
$I_R - V_R$



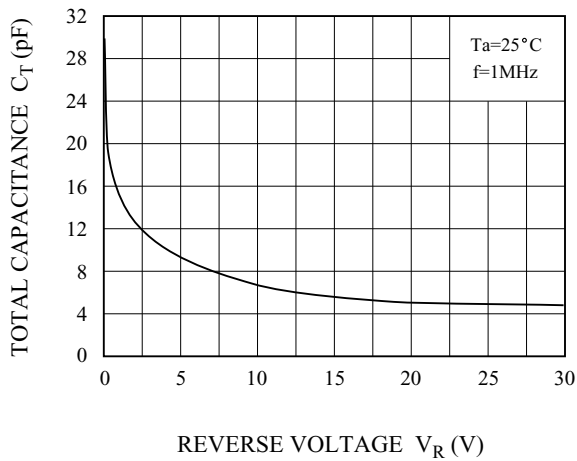
$V_F - T_a$



$I_R - T_a$



$C_T - V_R$



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