

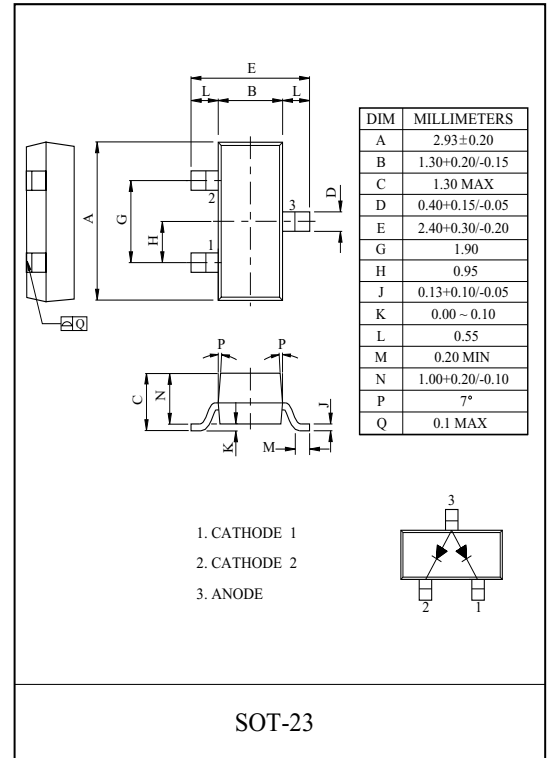
For high speed switching circuit.  
For small current rectification.

### FEATURES

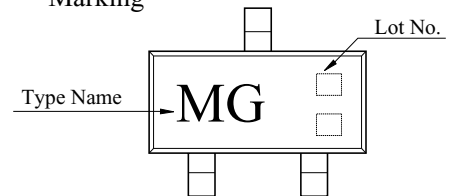
- Low Forward Voltage :  $V_F=0.55V(\text{Max})$ .
- $I_O=200\text{mA}$  recification possible.

### MAXIMUM RATING (Ta=25 )

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	$V_{RRM}$	30	V
Reverse Voltage	$V_R$	30	V
Average Forward Current	$I_O$	0.2	A
Non-repetitive peak surge current	$I_{FSM}$	1	A
Junction Temperature	$T_j$	125	
Storage Temperature	$T_{stg}$	-55 125	



### Marking

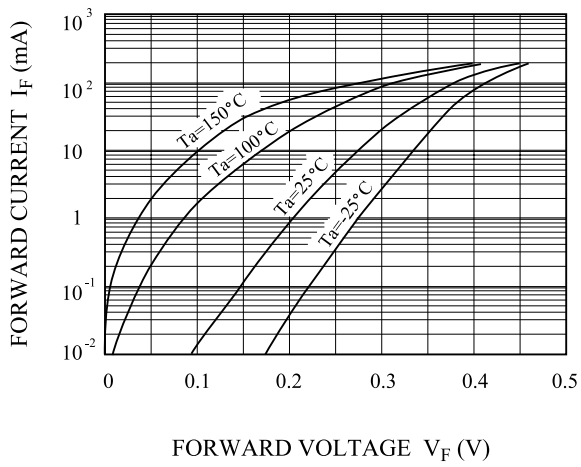


### ELECTRICAL CHARACTERISTICS (Ta=25 )

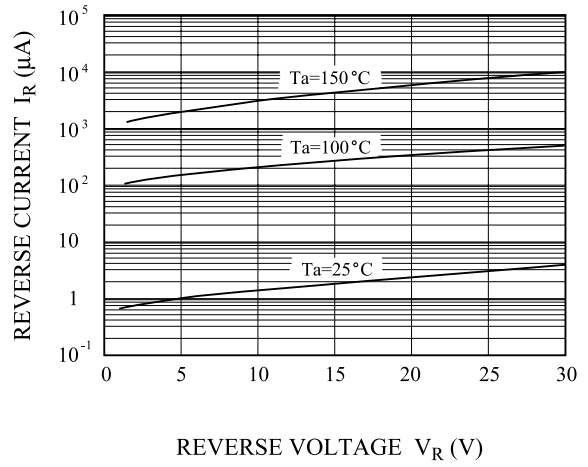
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	$V_F$	$I_F=0.2A$	-	-	0.55	V
Reverse Current	$I_R$	$V_R=30V$	-	-	50	$\mu A$
Total Capacitance	$C_T$	$V_R=0V, f=1MHz$	-	30	-	pF
Reverse Recovery Time	$t_{rr}$	$I_R=I_F=10mA$	-	3	-	nS

# KDR720S

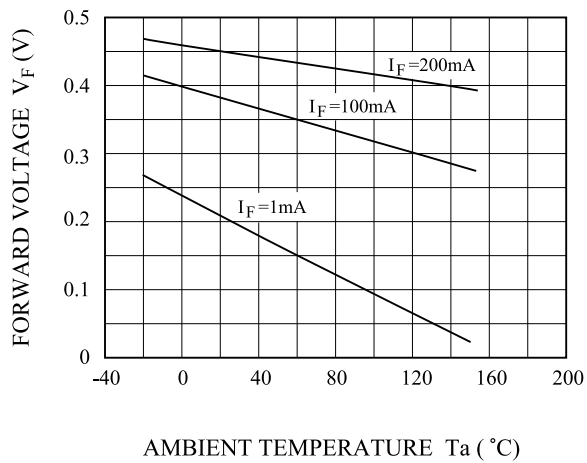
$I_F - V_F$



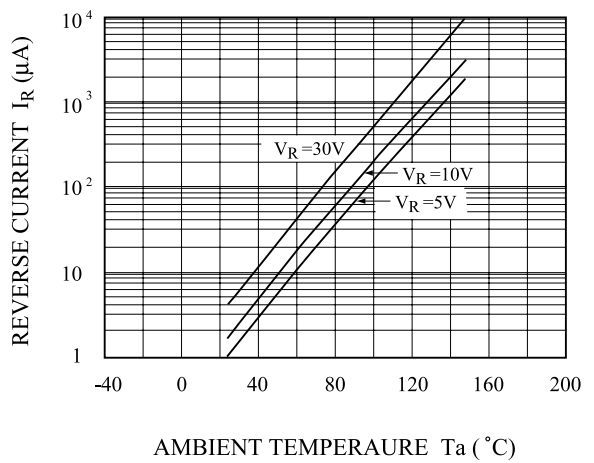
$I_R - V_R$



$V_F - T_a$



$I_R - T_a$



$C_T - V_R$

