

LOW CURRENT RECTIFICATION AND HIGH SPEED SWITCHING.

FEATURES

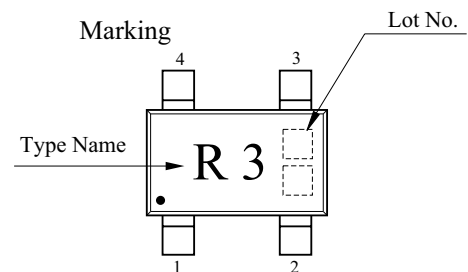
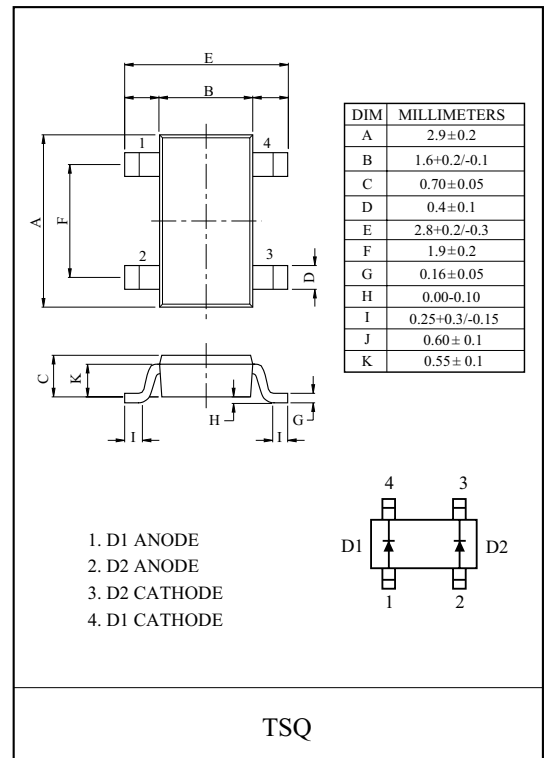
- Low Reverse Current : $I_R=0.1 \mu\text{A}(\text{Typ.})$
- High Reliability.
- Small Package : TSQ.

MAXIMUM RATING (Ta=25 °C)

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^{**}	900	mW
Junction Temperature	T_j	125	°C
Storage Temperature Range	T_{stg}	-40 ~ 125	°C

* Unit rating. (Total rating = Unit rating × 1.5)

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

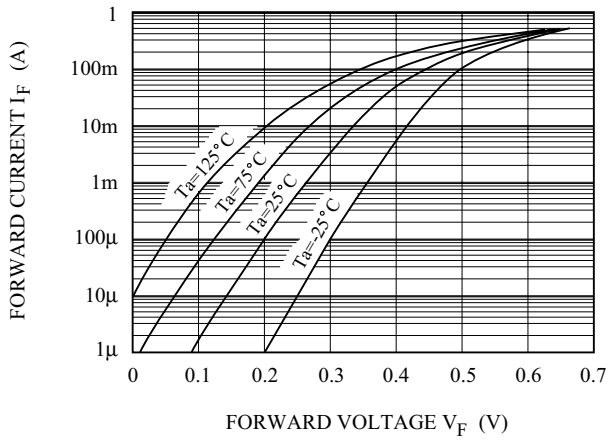


ELECTRICAL CHARACTERISTICS (Ta=25 °C)

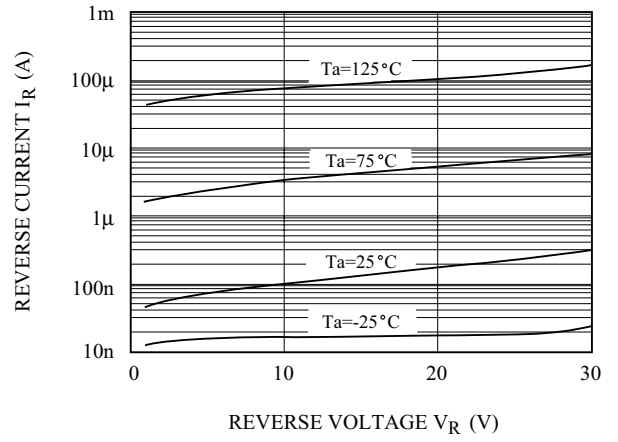
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V_F	$I_F=200\text{mA}$	-	-	0.60	V
Reverse Current	I_R	$V_R=10\text{V}$	-	-	1.0	μA

KDR735T

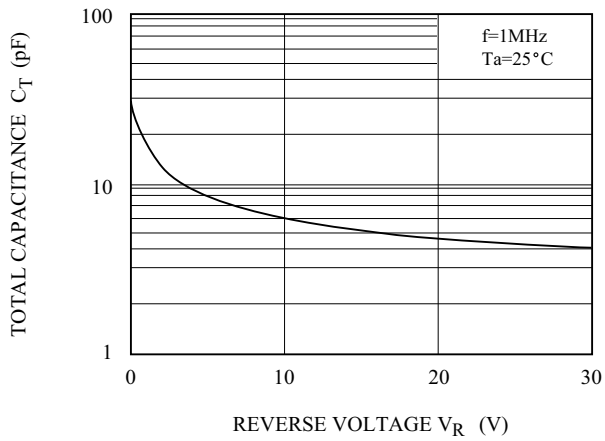
$I_F - V_F$



$I_R - V_R$



$C_T - V_R$



$P - T_a$

