

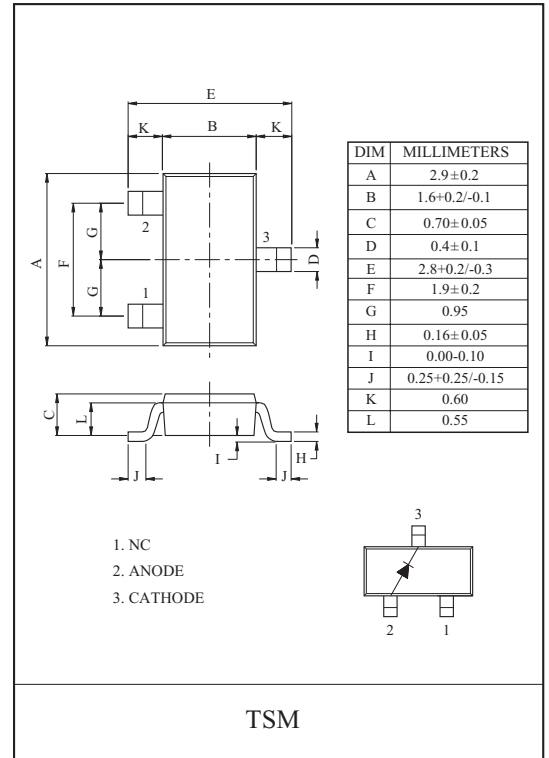
HIGH FREQUENCY RECTIFICATION.
SWITCHING REGULATORS, CONVERTERS, CHOPPERS.

FEATURES

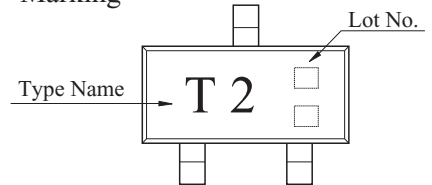
- Low Forward Voltage : $V_F \text{ max}=0.45\text{V}$.
- Low Leakage Current : $I_R \text{ max}=200\mu\text{A}$.

MAXIMUM RATING (Ta=25 °C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	V_{RRM}	25	V
Reverse Voltage	V_R	20	V
Average Forward Current	I_O	1.0	A
Non-Repetitive Peak Surge Current	I_{FSM}	3	A
Junction Temperature	T_j	125	°C
Storage Temperature Range	T_{stg}	-55 ~ 125	°C



Marking

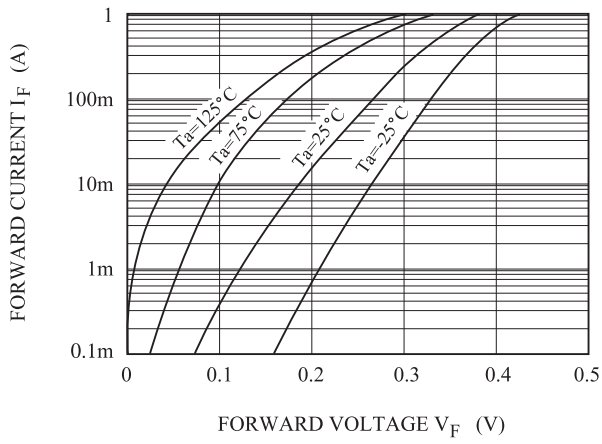


ELECTRICAL CHARACTERISTICS (Ta=25 °C)

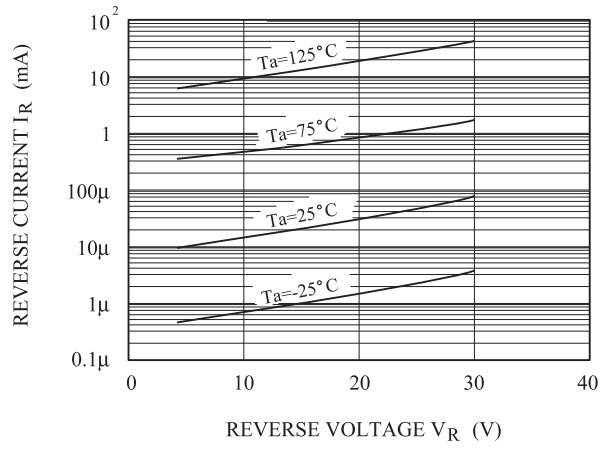
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V_F	$I_F=1.0\text{A}$	-	0.4	0.45	V
Reverse Current	I_R	$V_R=20\text{V}$	-	-	200	μA

KDR521T

$I_F - V_F$



$I_R - V_R$



$C_T - V_R$

