

FOR HIGH SPEED SWITCHING CIRCUIT  
FOR SMALL CURRENT RECTIFICATION

#### FEATURES

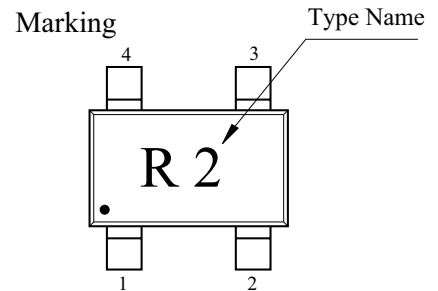
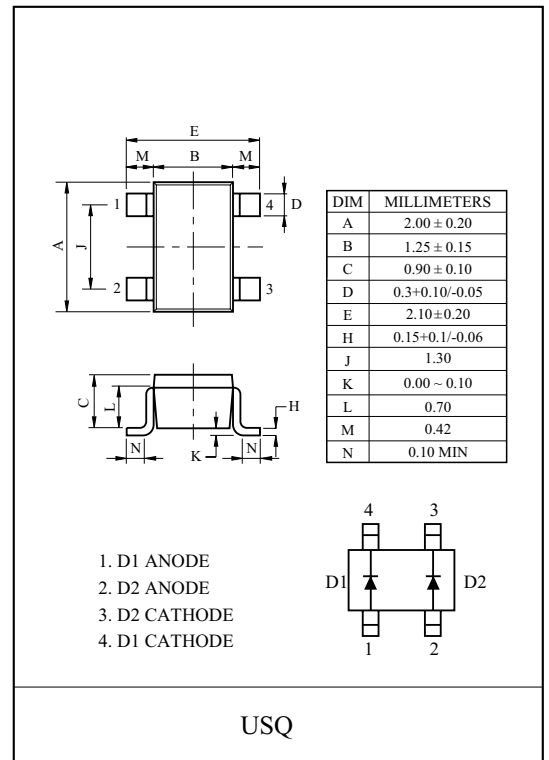
- Low Forward Voltage :  $V_F=0.55V(\text{Max})$ .
- $I_O=200\text{mA}$  recification possible.

#### MAXIMUM RATING (Ta=25 °C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	$V_R$	30	V
Average Forward Current	$I_O^*$	200	mA
Surge Current(10ms)	$I_{RSM}^*$	1	A
Junction Temperature	$T_j$	125	°C
Storage Temperature Range	$T_{stg}$	-55 ~ 125	°C

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

# TENTATIVE

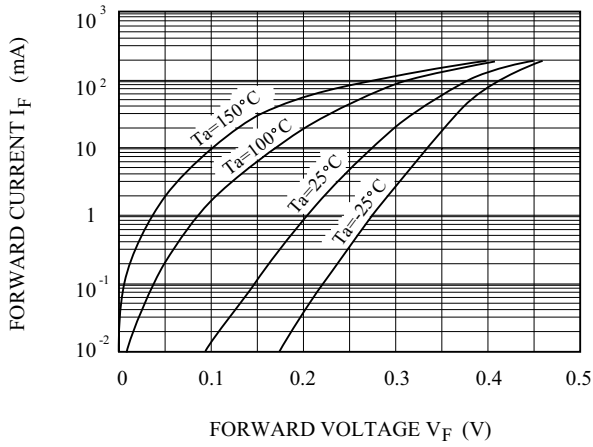


#### ELECTRICAL CHARACTERISTICS (Ta=25 °C)

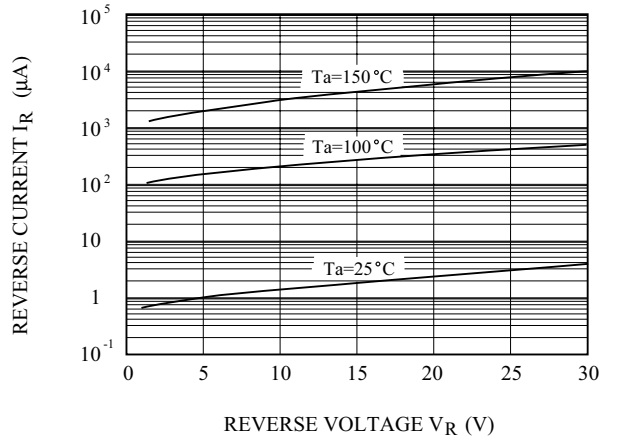
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	$V_F$	$I_F=200\text{mA}$	-	-	0.50	V
Reverse Current	$I_R$	$V_R=10\text{V}$	-	-	30	μA

# KDR725U

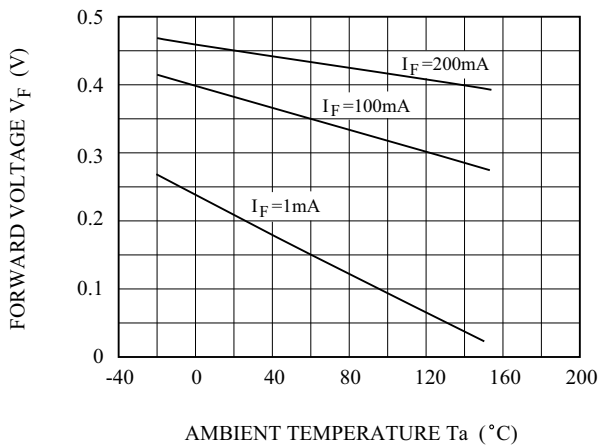
$I_F - V_F$



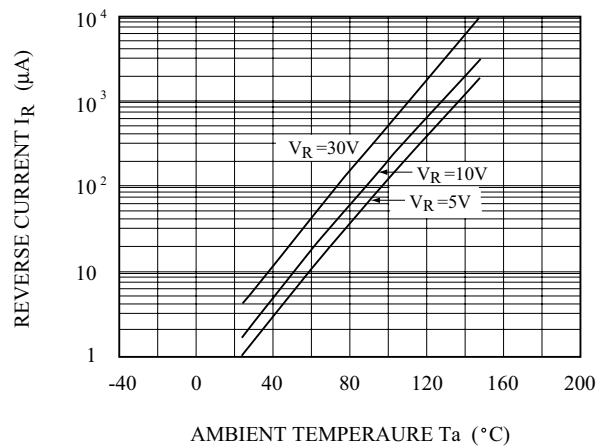
$I_R - V_R$



$V_F - T_a$



$I_R - T_a$



$C_T - V_R$

