

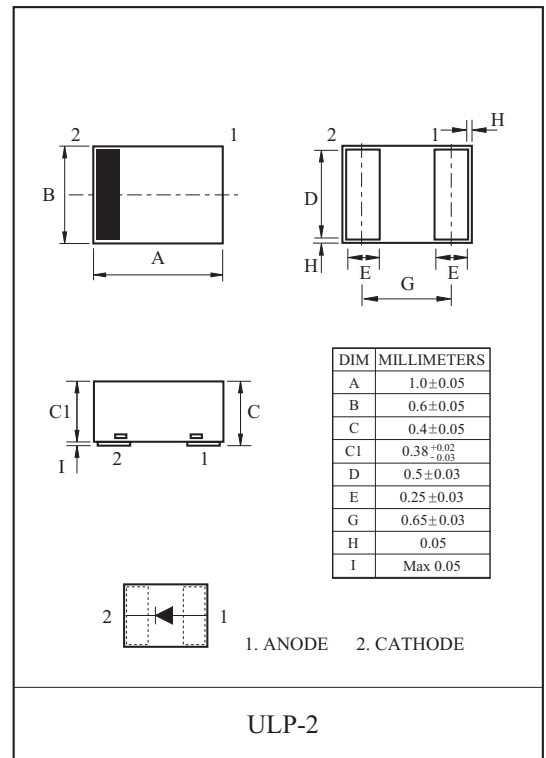
LOW CURRENT RECTIFICATION AND HIGH SPEED SWITCHING.

FEATURES

- Low Forward Voltage.
- High Reliability.
- Leadless ultra small package.
- Suffix U : Qualified to AEC-Q101.
ex) KDR740UL-RTK/HU

APPLICATIONS

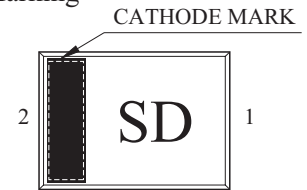
- Ultra high-speed switching.
- Protection circuits.
- Low voltage rectification.
- Low power consumption applications.



MAXIMUM RATING (Ta=25 °C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	40	V
Average Forward Current	I_O	200	mA
Surge Current(10ms)	I_{FSM}	3	A
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

Marking

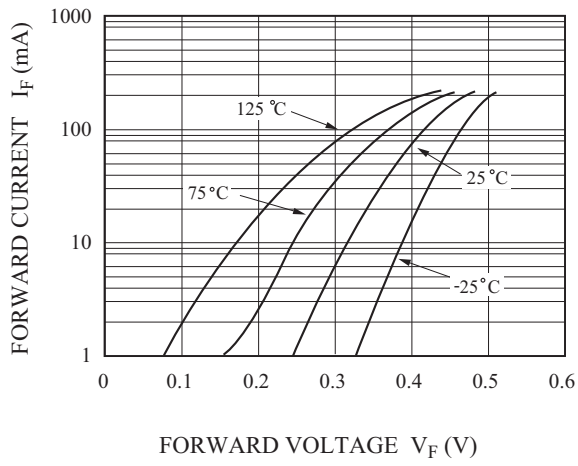


ELECTRICAL CHARACTERISTICS (Ta=25 °C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V_F	$I_F=10mA$	-	-	0.36	V
		$I_F=100mA$	-	-	0.5	
		$I_F=200mA$	-	-	0.6	
Reverse Current	I_R	$V_R=40V$	-	-	10	μA

KDR740UL

$I_F - V_F$



$I_R - V_R$

