

CONSTANT VOLTAGE REGULATION APPLICATION.
REFERENCE VOLTAGE APPLICATION.

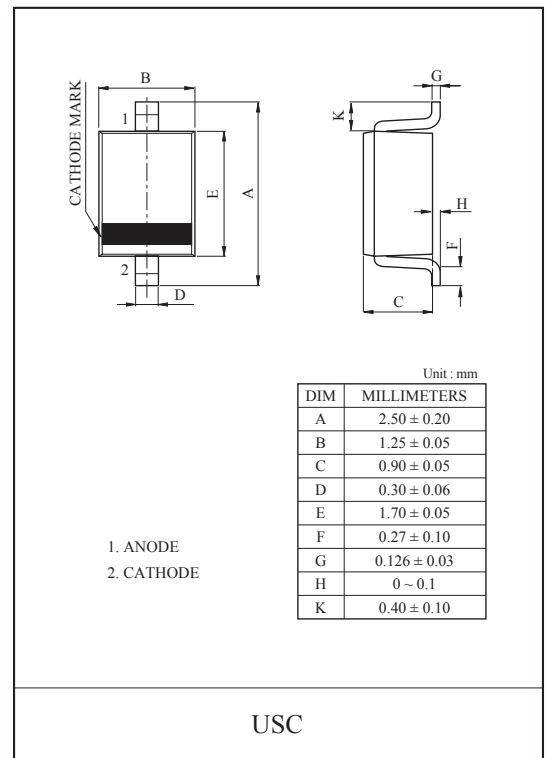
FEATURES

- Small Package : USC
- Suffix U : Qualified to AEC-Q101.
ex) KDZ82V-RTK/HU

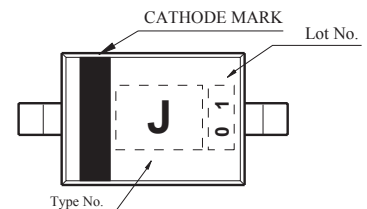
MAXIMUM RATING (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Power Dissipation	P_D^*	200	mW
Junction Temperature	T_j	150	°C
Storage Temperature Range	T_{stg}	-55 ~ 150	°C

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



MARKING



ELECTRICAL CHARACTERISTICS (Tc=25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Zener Voltage	V_Z	$I_Z=1\text{mA}$	74	-	90	V
Dynamic Impedance (Note1)	Z_Z	$I_Z=1\text{mA}$	-	-	700	Ω
Reverse Current	I_R	$V_R=65\text{V}$	-	-	0.1	μA

(Note1) : V_Z is measured at I_Z by given a very small A.C current signal

KDZ82V

