

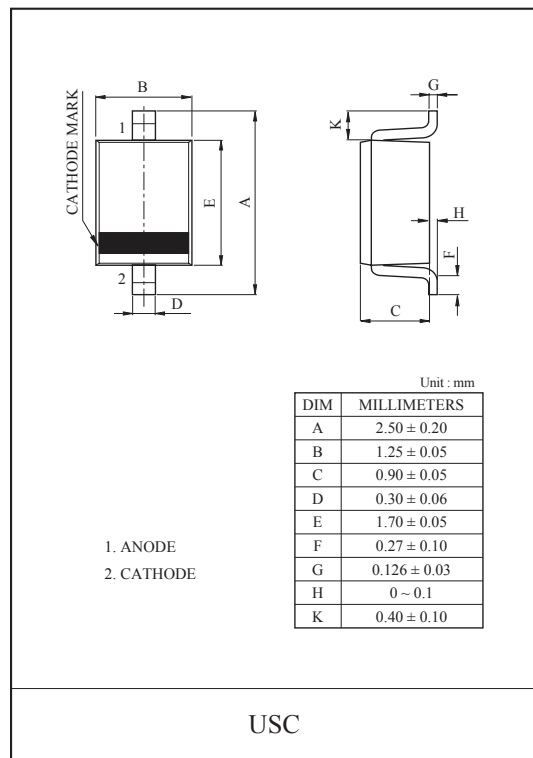
FEATURES

- Small Package : USC
- Sharp Breakdown Characteristics
- Zener Voltage Tolerance : about 5%
- Suffix U : Qualified to AEC-Q101.
ex) KDZ150V-RTK/HU

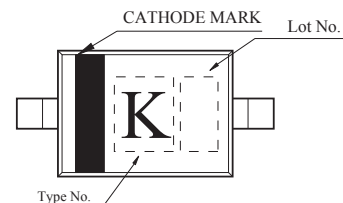
MAXIMUM RATING (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Power Dissipation	P_D *	200	mW
Junction Temperature	T_j	150	°C
Operating Temperature	T_{opr}	-55 ~ 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.



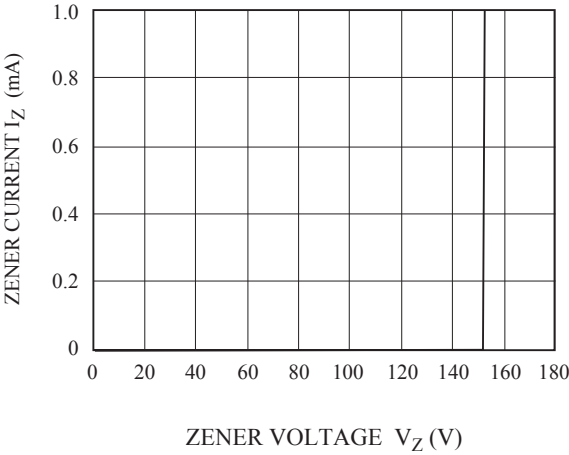
MARKING

ELECTRICAL CHARACTERISTICS (T_C=25°C)

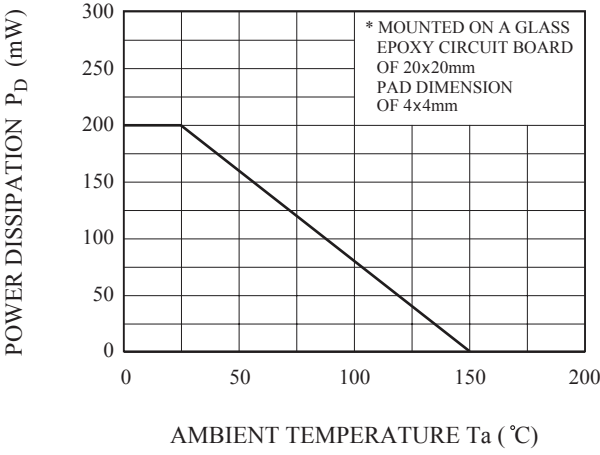
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Zener Voltage	V_Z	$I_Z=1\text{mA}$	142	-	158	V
Dynamic Impedance	Z_Z	$I_Z=1\text{mA}$	-	-	700	Ω
Reverse Current	I_R	$V_R=128\text{V}$	-	-	0.1	μA

KDZ150V

$I_Z - V_Z$



$P_D - T_a$



$I_R - V_R$

