

CONSTANT VOLTAGE REGULATION APPLICATION.

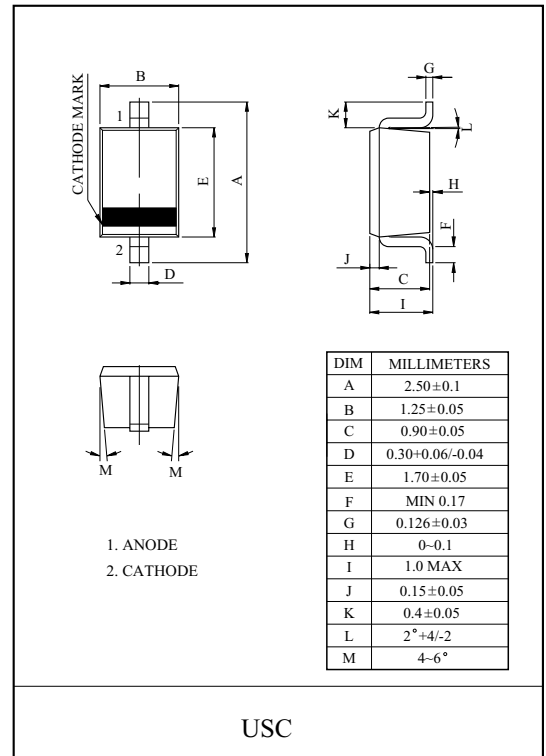
FEATURES

- Small Package
- Normal Voltage Tolerance about $\pm 2\%$.

MAXIMUM RATING (Ta=25°C)

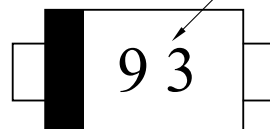
| CHARACTERISTIC | SYMBOL | RATING | UNIT |
|---------------------------|-----------|-----------|------|
| Power Dissipation | P_D^* | 200* | mW |
| Junction Temperature | T_j | 150 | °C |
| Storage Temperature Range | T_{stg} | -55 ~ 150 | °C |

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



Marking

Type Name



ELECTRICAL CHARACTERISTICS (Ta=25°C)

| CHARACTERISTIC | SYMBOL | TEST CONDITION | MIN. | TYP. | MAX. | UNIT |
|------------------------|----------|----------------|------|------|------|------|
| Zener Voltage | V_Z | $I_Z=5mA$ | 9.1 | - | 9.5 | V |
| Dynamic Impedance | Z_Z | $I_Z=5mA$ | - | - | 18 | |
| Knee Dynamic Impedance | Z_{ZK} | $I_Z=0.5mA$ | - | - | 120 | |
| Reverse Current | I_R | $V_R=7V$ | - | - | 0.5 | μA |