查询KDZ20V供应商 捷多邦，专业PCB打样工厂，24小时加急出货

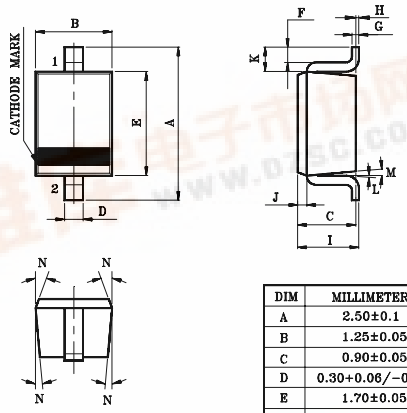
KEL
KOREA ELECTRONICS CO.,LTD.

# SEMICONDUCTOR
## TECHNICAL DATA

# KDZ2.0V ~ 24V
ZENER DIODE
SILICON EPITAXIAL PLANAR DIODE

CONSTANT VOLTAGE REGULATION APPLICATION.
REFERENCE VOLTAGE APPLICATION.

FEATURES
- Small Package : USC
- Nominal Voltage Tolerance About ±6%.




| DIM | MILLIMETERS |
|---|---|
| A | 2.50±0.1 |
| B | 1.25±0.05 |
| C | 0.90±0.05 |
| D | 0.30+0.06/−0.04 |
| E | 1.70±0.05 |
| F | 0.25±0.05 |
| G | 0.11+0.05/−0 |
| H | 0±0.05 |
| I | 1.00 Max |
| J | 0.15±0.05 |
| K | 0.4±0.05 |
| L | +6° |
| M | −3° |
| N | 4°~6° |

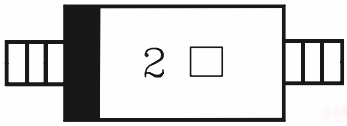
1. ANODE
2. CATHODE

USC

MAXIMUM RATINGS (Ta=25℃)

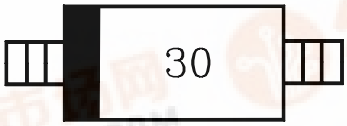
| CHARACTERISTIC | SYMBOL | RATING | UNIT |
|---|---|---|---|
| Power Dissipation | $P_D$ | 150 | mW |
| Junction Temperature | $T_j$ | 150 | ℃ |
| Storage Temperature Range | $T_{stg}$ | -55~150 | ℃ |

Example 1) 2.0V ~ 2.7V



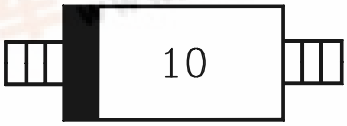

KDZ2.0V → 2A
KDZ2.2V → 2B
KDZ2.4V → 2C
KDZ2.7V → 2D

Example 2) 3.0V ~ 9.1V




Example : KDZ3.0V

Example 3) 10V ~ 24V




Example : KDZ10V

找PDF 维库一下 pdf.dzsc.com

# KDZ2.0V ~ 24V

ELECTRICAL CHARACTERISTICS (Ta=25℃)

| TYPE No. | Zener Voltage Vz (V) | | | Dynamic Impedance Zz (Ω) | | KNEE Dynamic Impedance Zzk (Ω) | | Reverse Current $I_R$ (μA) | |
|---|---|---|---|---|---|---|---|---|---|
| | Min. | Max. | Iz (mA) | MAX. | Iz (mA) | MAX. | Iz (mA) | MAX. | $V_R$(V) |
| KDZ2.0V | 1.85 | 2.15 | 5 | 100 | 5 | 1000 | 0.5 | 120 | 1.0 |
| KDZ2.2V | 2.05 | 2.38 | 5 | 100 | 5 | 1000 | 0.5 | 120 | 1.0 |
| KDZ2.4V | 2.28 | 2.60 | 5 | 100 | 5 | 1000 | 0.5 | 120 | 1.0 |
| KDZ2.7V | 2.50 | 2.90 | 5 | 110 | 5 | 1000 | 0.5 | 120 | 1.0 |
| KDZ3.0V | 2.80 | 3.20 | 5 | 120 | 5 | 1000 | 0.5 | 50 | 1.0 |
| KDZ3.3V | 3.10 | 3.50 | 5 | 130 | 5 | 1000 | 0.5 | 20 | 1.0 |
| KDZ3.6V | 3.40 | 3.80 | 5 | 130 | 5 | 1000 | 0.5 | 10 | 1.0 |
| KDZ3.9V | 3.70 | 4.10 | 5 | 130 | 5 | 1000 | 0.5 | 10 | 1.0 |
| KDZ4.3V | 4.00 | 4.50 | 5 | 130 | 5 | 1000 | 0.5 | 5 | 1.0 |
| KDZ4.7V | 4.40 | 4.90 | 5 | 120 | 5 | 1000 | 0.5 | 5 | 1.0 |
| KDZ5.1V | 4.80 | 5.40 | 5 | 70 | 5 | 1000 | 0.5 | 1 | 1.5 |
| KDZ5.6V | 5.30 | 6.00 | 5 | 40 | 5 | 900 | 0.5 | 1 | 2.5 |
| KDZ6.2V | 5.80 | 6.60 | 5 | 30 | 5 | 500 | 0.5 | 1 | 3.0 |
| KDZ6.8V | 6.40 | 7.20 | 5 | 25 | 5 | 150 | 0.5 | 0.5 | 5.0 |
| KDZ7.5V | 7.00 | 7.90 | 5 | 23 | 5 | 120 | 0.5 | 0.5 | 6.0 |
| KDZ8.2V | 7.70 | 8.70 | 5 | 20 | 5 | 120 | 0.5 | 0.5 | 6.5 |
| KDZ9.1V | 8.50 | 9.60 | 5 | 18 | 5 | 120 | 0.5 | 0.5 | 7.0 |
| KDZ10V | 9.40 | 10.60 | 5 | 15 | 5 | 120 | 0.5 | 0.5 | 8.0 |
| KDZ11V | 10.40 | 11.60 | 5 | 15 | 5 | 120 | 0.5 | 0.5 | 8.5 |
| KDZ12V | 11.40 | 12.60 | 5 | 15 | 5 | 110 | 0.5 | 0.5 | 9.0 |
| KDZ13V | 12.40 | 14.10 | 5 | 15 | 5 | 110 | 0.5 | 0.5 | 10 |
| KDZ15V | 13.80 | 15.60 | 5 | 15 | 5 | 110 | 0.5 | 0.5 | 11 |
| KDZ16V | 15.30 | 17.10 | 5 | 18 | 5 | 150 | 0.5 | 0.5 | 12 |
| KDZ18V | 16.80 | 19.10 | 5 | 20 | 5 | 150 | 0.5 | 0.5 | 14 |
| KDZ20V | 18.80 | 21.20 | 5 | 25 | 5 | 200 | 0.5 | 0.5 | 15 |
| KDZ22V | 20.80 | 23.30 | 5 | 30 | 5 | 200 | 0.5 | 0.5 | 17 |
| KDZ24V | 22.80 | 25.60 | 5 | 40 | 5 | 200 | 0.5 | 0.5 | 19 |