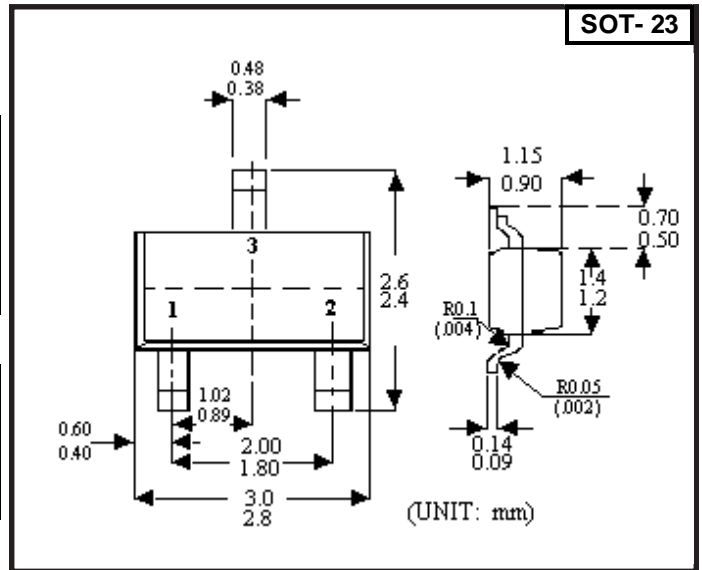


SOT-23 DUAL ZENER DIODE (Common Anode)

Absolute Maximum Ratings (Ta=25°C)

| | Symbol | Value | Unit |
|-----------------------------------|------------------|--------------|------|
| Zener Current see Table "Chara." | | | |
| Power Dissipation at Tamb = 25 °C | P _{tot} | 300 | mW |
| Junction Temperature | T _j | 175 | °C |
| Storage Temperature | T _s | -65 to + 175 | °C |

| Pin Configuration | Pin |
|-------------------|-----|
| Cathode | 1 |
| Cathode | 2 |
| Common Anode | 3 |



Electrical Characteristics Ta = 25°C

| PART | Zener Voltage V _Z @ I _{ZT} | | r _{ZT} @ I _{ZT} Max Ohm | I _{ZT} mA | r _{ZK} @ I _{ZK} Max Ohm | I _{ZK} (mA) | Temp. Coeff Typ | I _R @ V _R Ta = 25deg Max uA | V _R V | Marking |
|---------|---|-------|---|-----------------------|---|-------------------------|-----------------------|--|---------------------|---------|
| | Min | Max | | | | | | | | |
| CZMA4V7 | 4.40 | 5.00 | 80 | 5 | 500 | 1 | -1.4 | 3 | 2 | D4.7 |
| CZMA5V1 | 4.80 | 5.40 | 60 | 5 | 480 | 1 | -0.8 | 2 | 2 | D5.1 |
| CZMA5V6 | 5.20 | 6.00 | 40 | 5 | 400 | 1 | 1.2 | 1 | 2 | D5.6 |
| CZMA6V2 | 5.80 | 6.00 | 10 | 5 | 150 | 1 | 2.3 | 3 | 4 | D6.2 |
| CZMA6V8 | 6.40 | 7.20 | 15 | 5 | 80 | 1 | 3 | 2 | 4 | D6.8 |
| CZMA7V5 | 7.00 | 7.90 | 15 | 5 | 80 | 1 | 4 | 1 | 5 | D7.5 |
| CZMA8V2 | 7.70 | 8.70 | 15 | 5 | 80 | 1 | 4.6 | 0.7 | 5 | D8.2 |
| CZMA9V1 | 8.50 | 9.60 | 15 | 5 | 100 | 1 | 5.5 | 0.5 | 6 | D9.1 |
| CZMA10V | 9.40 | 10.60 | 20 | 5 | 150 | 1 | 6.4 | 0.2 | 7 | D10 |
| CZMA11V | 10.40 | 11.60 | 20 | 5 | 150 | 1 | 7.4 | 0.1 | 8 | D11 |
| CZMA12V | 11.40 | 12.70 | 25 | 5 | 150 | 1 | 8.4 | 0.1 | 8 | D12 |
| CZMA13V | 12.40 | 14.10 | 30 | 5 | 170 | 1 | 9.4 | 0.1 | 8 | D13 |
| CZMA15V | 13.80 | 15.60 | 30 | 5 | 200 | 1 | 11.4 | 0.05 | 10.5 | D15 |
| CZMA16V | 15.30 | 17.10 | 40 | 5 | 200 | 1 | 12.4 | 0.05 | 11.2 | D16 |
| CZMA18V | 16.80 | 19.10 | 45 | 5 | 225 | 1 | 14.4 | 0.05 | 12.6 | D18 |
| CZMA20V | 18.80 | 21.20 | 55 | 5 | 225 | 1 | 16.4 | 0.05 | 14 | D20 |
| CZMA22V | 20.80 | 23.30 | 55 | 5 | 250 | 1 | 18.4 | 0.05 | 15.4 | D22 |
| CZMA24V | 22.80 | 25.60 | 70 | 5 | 250 | 1 | 20.4 | 0.05 | 16.8 | D24 |