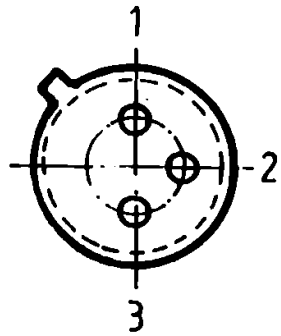
$ βM 136
$ βM 336
VOLTAGE REFERENCES

The βM 136 and βM 336 integrated circuits are precision 2.5 V shunt regulator. These monolithic IC voltage references operate as a low temperature coefficient 2.5 V zener diode with 0.5 ohms dynamic impedance.

Features

- Operating temperature ..... βM 136 ... -55 ... +125 oC
  βM 336 ... 0 ... +70 oC
- Reverse current ..... max. 10 mA
- Forward current ..... max. 10 mA
- Reverse breakdown voltage (I=1mA).. βM 136 ... 2.490+/- 50 mV
  βM 336 ... 2.490+/-100 mV
- Temperature stability at Vout = 2.490 V adjusted :
  βM 136 ..... -55oC < Tamb < +125 oC ... typ. 12 mV
  βM 336 ..... 0oC < Tamb < +70 oC ... typ. 1.8 mV
- Easy external calibration
- +/- 1 % initial tolerance available
- Metal can

1. External adjustement
2. Anode (V+ or Vout)
3. Catode (electrically connected at the metal can)



PACKAGE TO-39 / BOTTOM VIEW

$ Preliminary data