

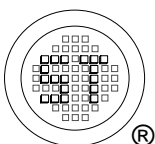
# ZMM 1...ZMM200

## SILICON PLANAR ZENER DIODES

in MiniMELF case especially for automatic insertion. The Zener voltages are graded according to the international E 24 standard. Smaller voltage tolerances and higher Zener voltages are upon request.

These diodes are also available in DO-35 case with the type designation BZX55C...

### Absolute Maximum Ratings ( $T_a$



## SEMTECH ELECTRONICS LTD.

(Subsidiary of Sino-Tech International Holdings Limited, a company listed on the Hong Kong Stock Exchange, Stock Code: 724)



ISO/TS 16949 : 2002  
Certificate No. 05103

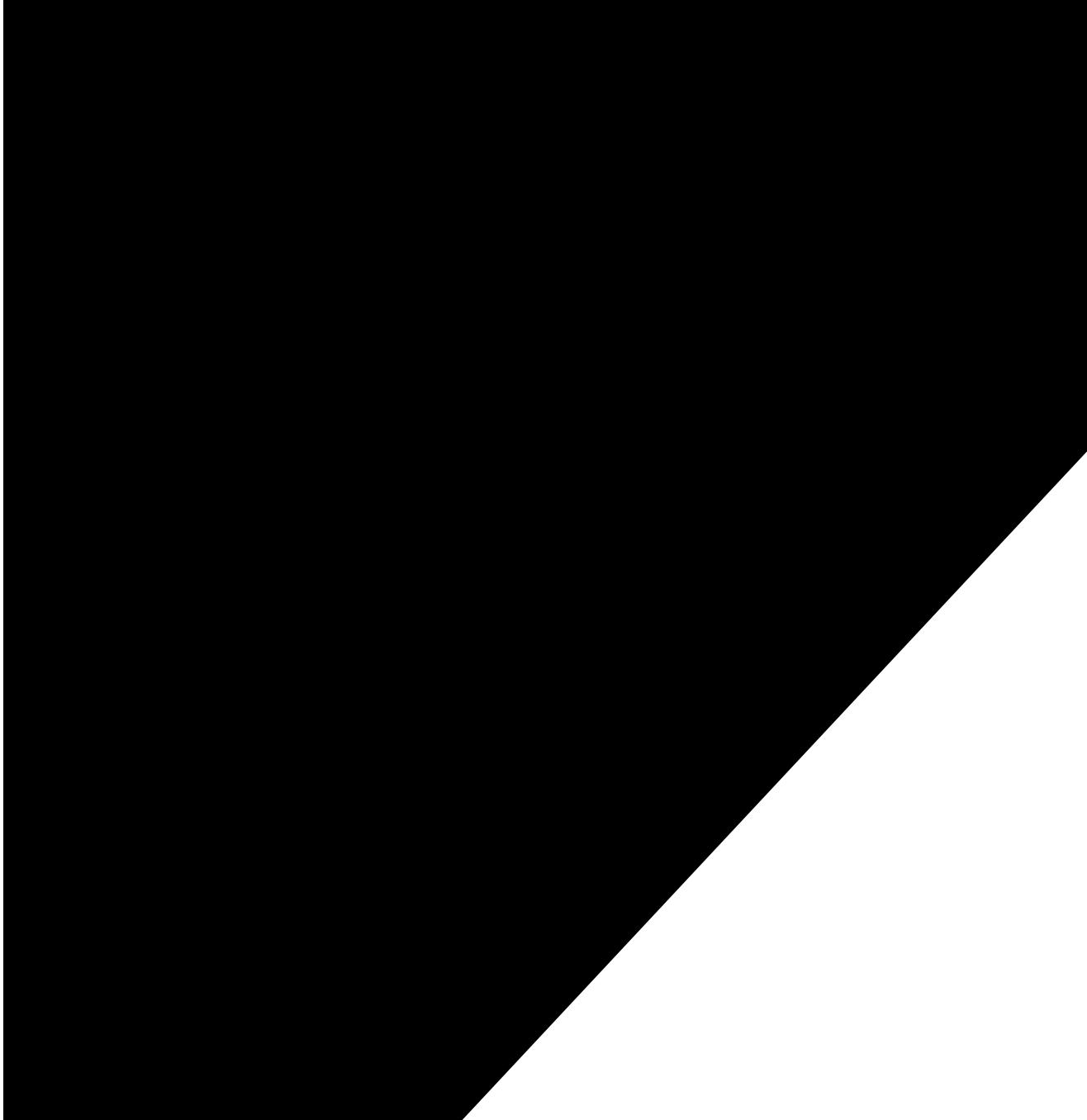


ISO 14001:2004  
Certificate No. 71116



ISO 9001:2000  
Certificate No. 0506098

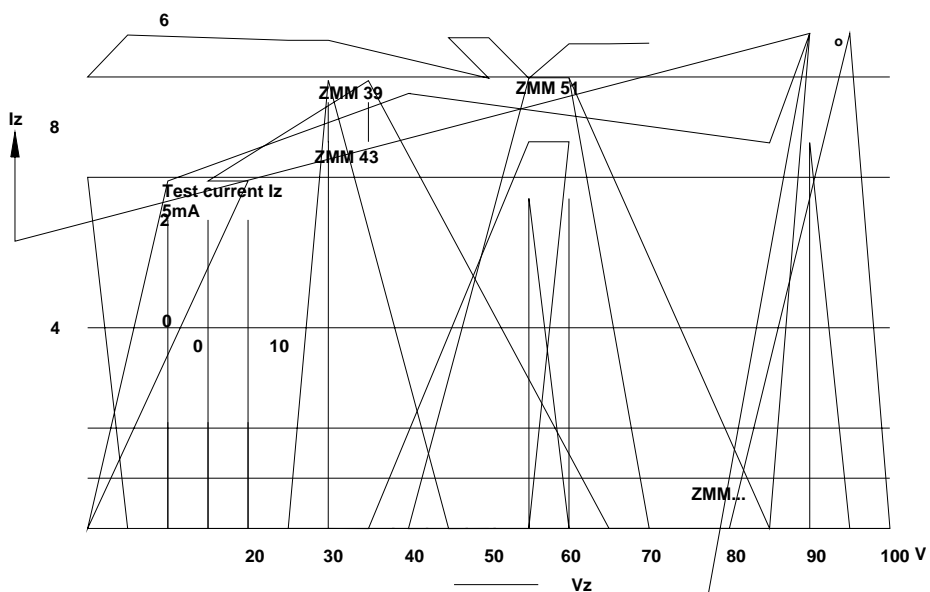
Dated : 20/09/2005





**Breakdown characteristics**

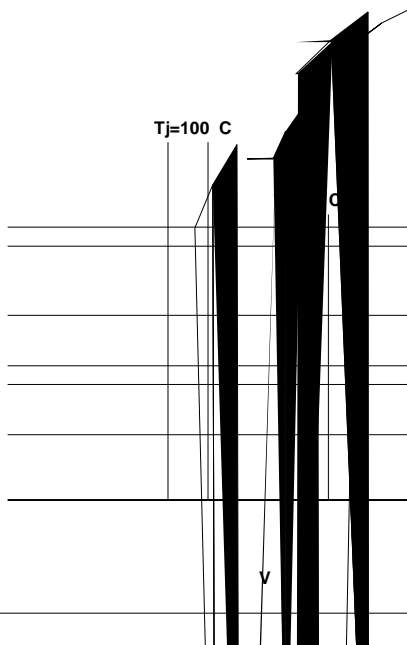
$T_j = \text{constant (pulsed)}$



**Forward characteristics**

$I_F$

$T_j = 100^\circ\text{C}$



**Admissible power dissipation**

When provided plate electrodes are kept

mW

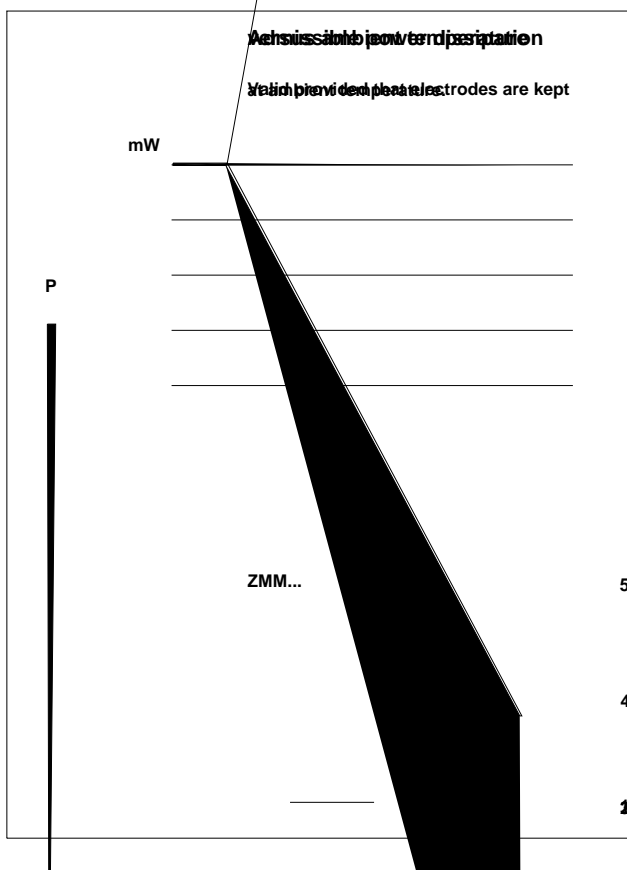
P

ZMM...

500

400

100







Change of Zener voltage from turn-on  
up to the point of thermal equilibrium  
versus Zener voltage

1.6

$$\Delta V_Z = r_{Zth} \cdot I_Z$$

1.4  $I_Z = 5 \text{ mA}$

ZMM...

