

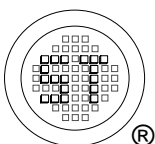
ZMM 1...ZMM200

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

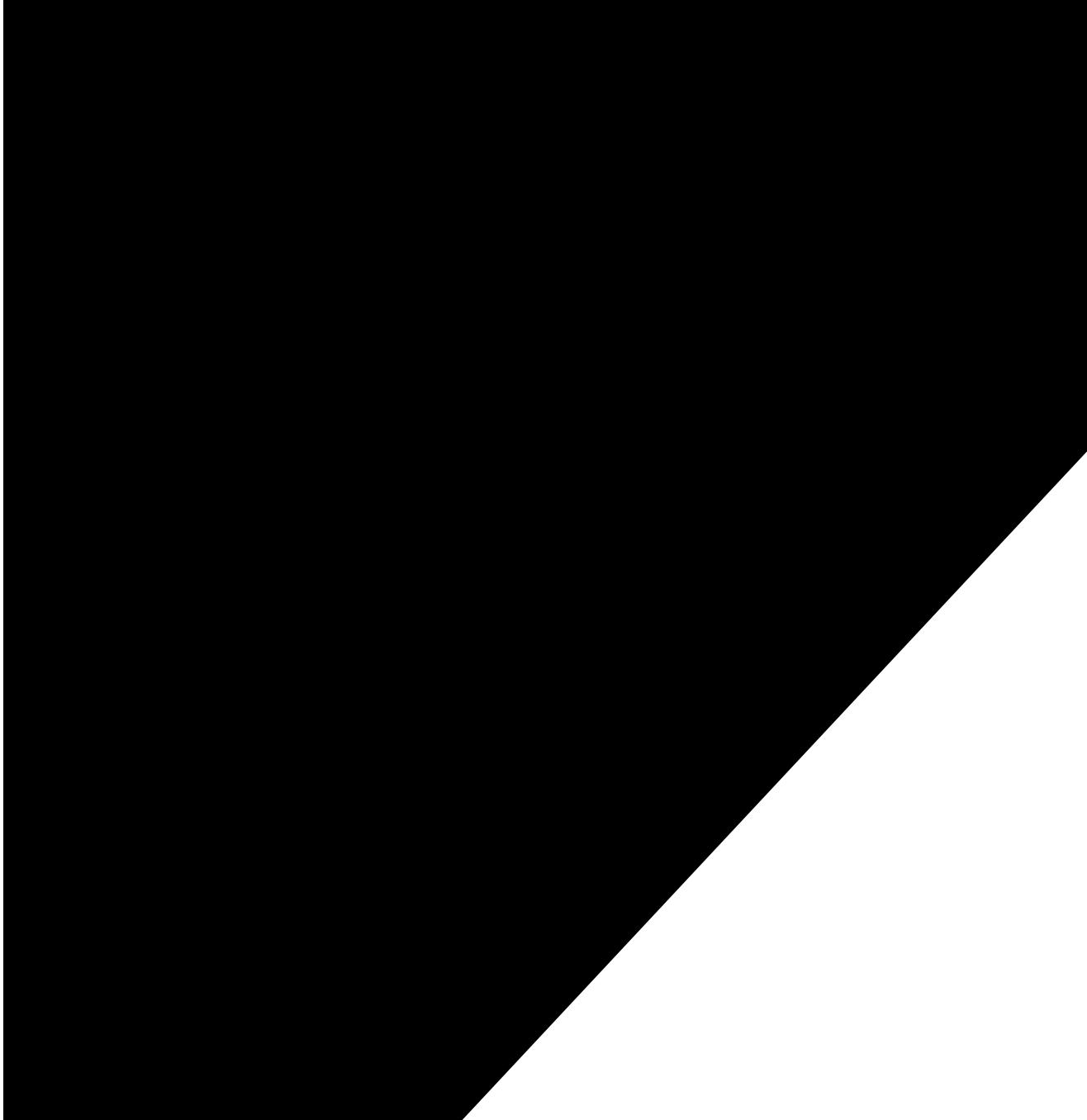


ISO 14001:2004
Certificate No. 71116

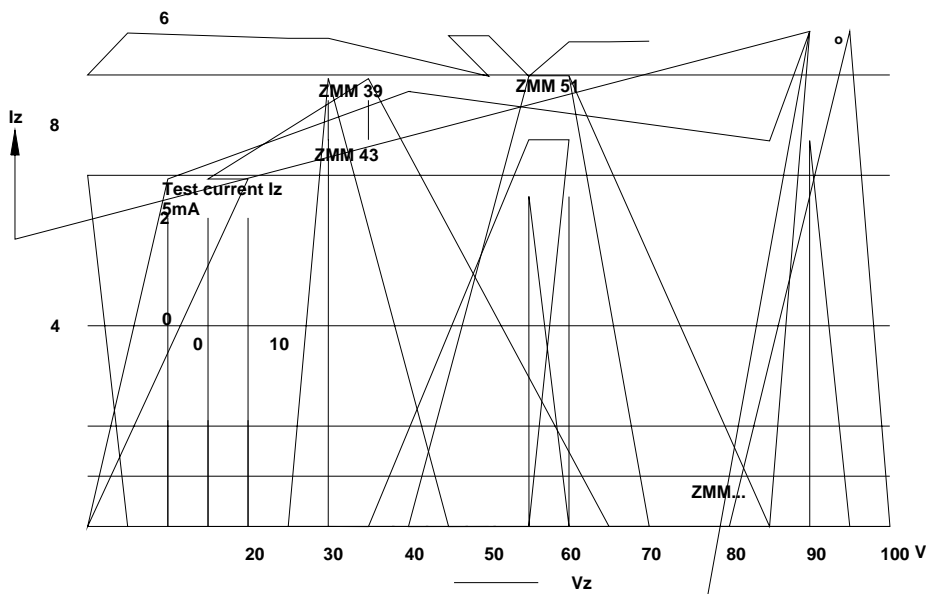


ISO 9001:2000
Certificate No. 0506098

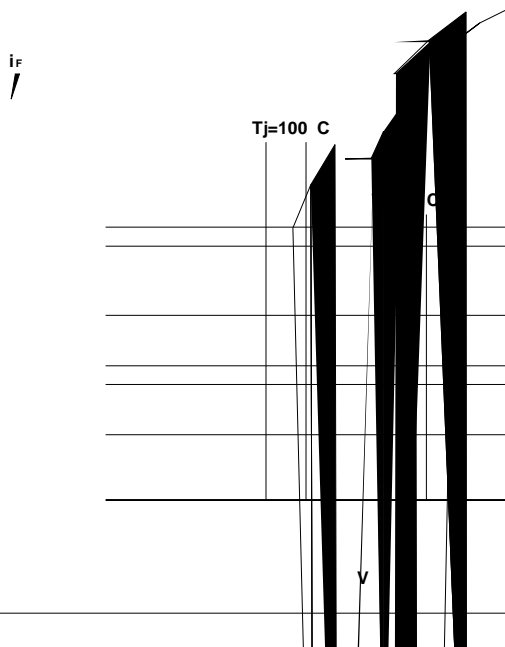
Dated : 20/09/2005



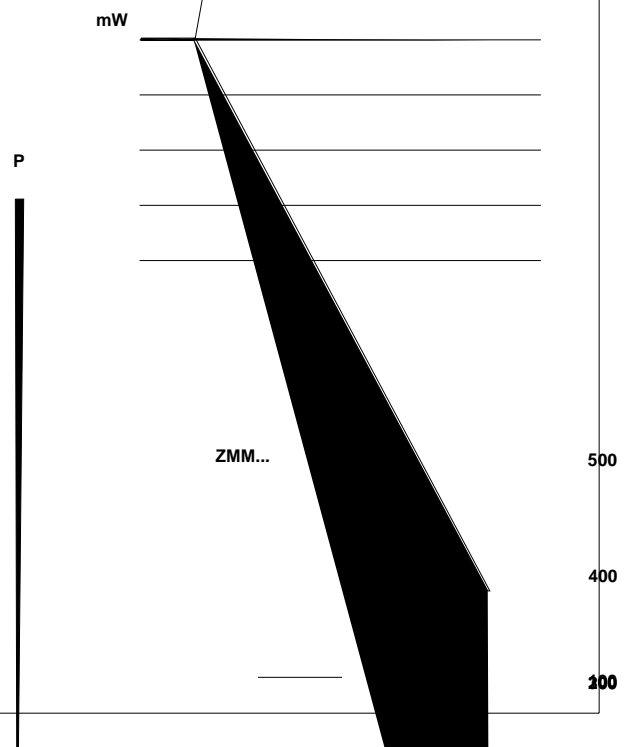
Breakdown characteristics
 $T_j = \text{constant (pulsed)}$



Forward characteristics



At this low power dissipation
 the junction temperature is kept



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...

