

FEATURES

- V_{CEsat} with positive temperature coefficient
- Low V_{cesat}
- Low switching losses
- Low inductance case
- Isolated copper baseplate using DBC technology

Preliminary Data

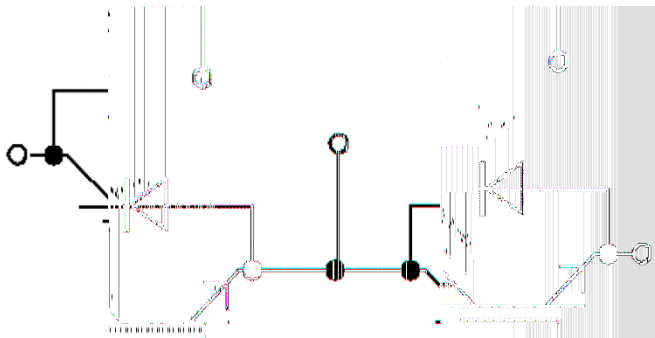
$V_{CES} = 650V$

$I_C \text{ nom} = 400A / I_{CRM} = 800A$

APPLICATION

- Welding Machine
- UPS
- Motor Drives

Equivalent Circuit Schematic



IGBT, Inverter

Maximum Rated Values

Characteristic Values

	Ω () ()					

**Diode, Inverter
Maximum Rated Values**

Characteristic Values

	Ω					

**NTC-Thermistor
Characteristic Values**

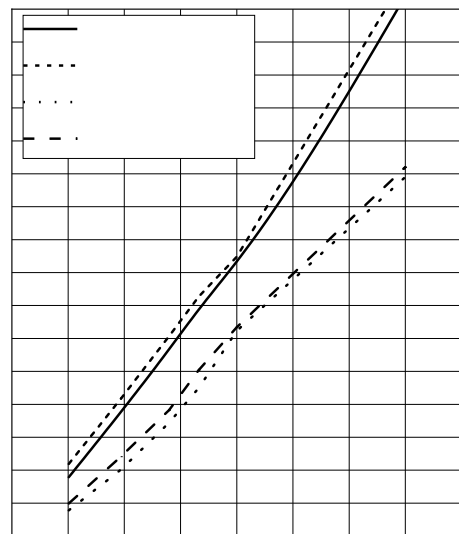
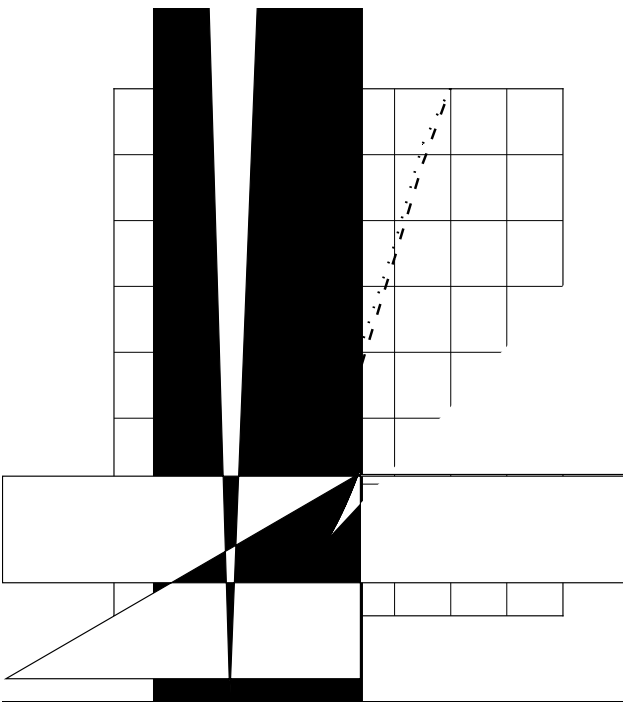
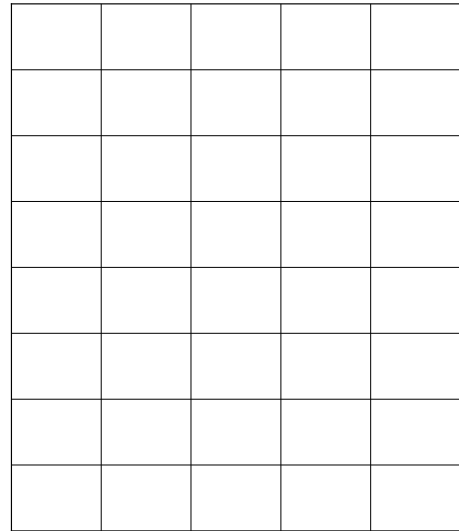
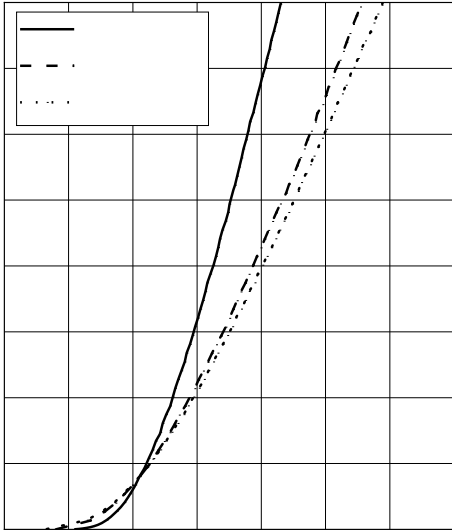
Module

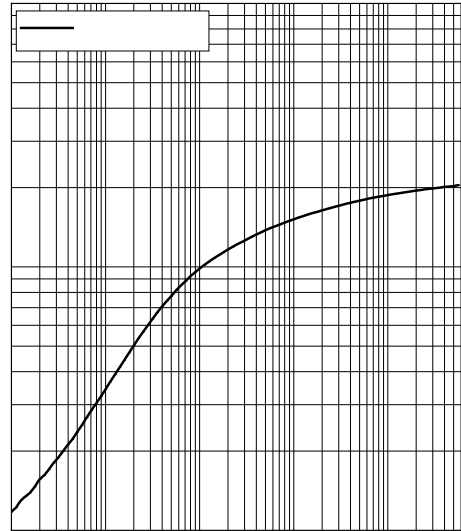
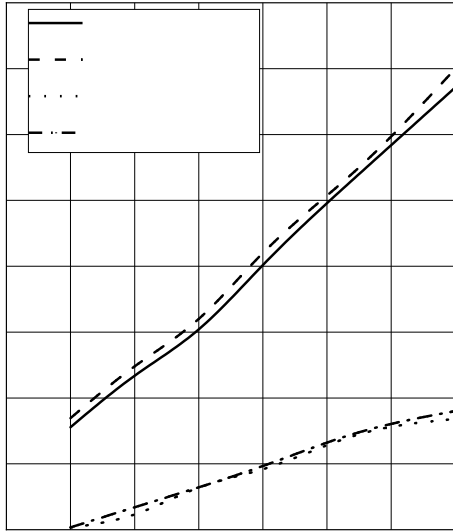
Maximum Rated Values

Characteristic Values

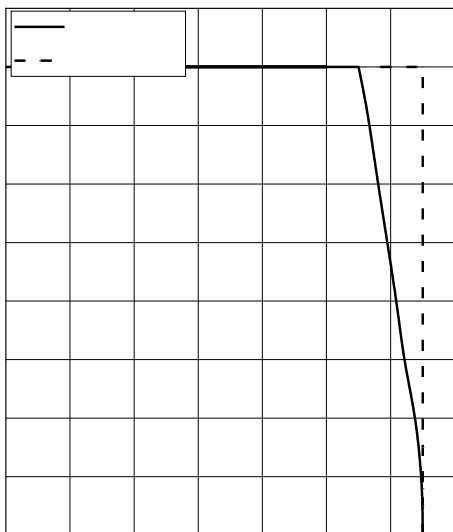
						Ω

°C

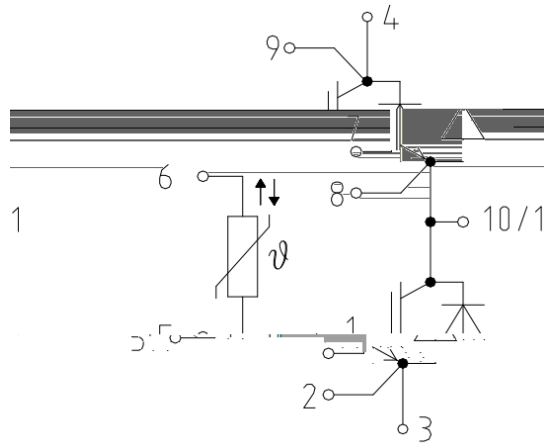




°C



Circuit diagram



Package outlines (mm)

