

FEATURES

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

APPLICATION

- Welding Machine
- UPS

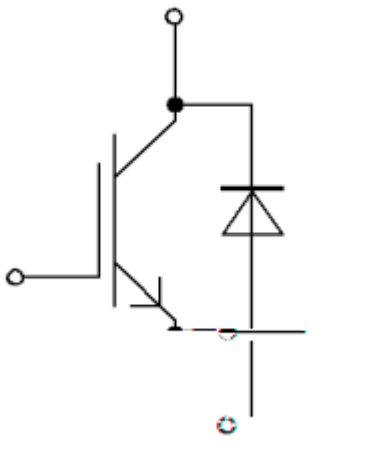
Preliminary Data

$V_{CES} = 650V$

$I_C \text{ nom} = 200A / I_{CRM} = 400A$



Equivalent Circuit Schematic



IGBT, Inverter

Maximum Rated Values

Characteristic Values

Diode, Inverter

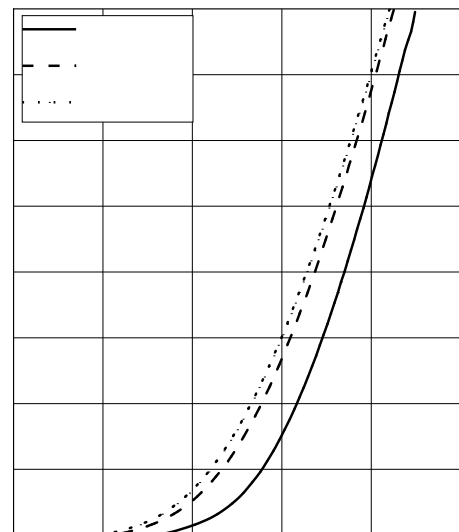
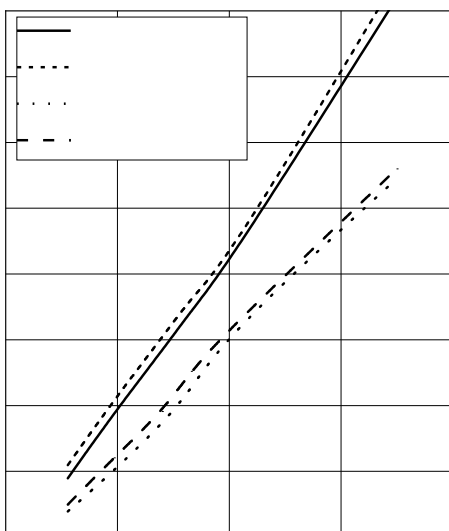
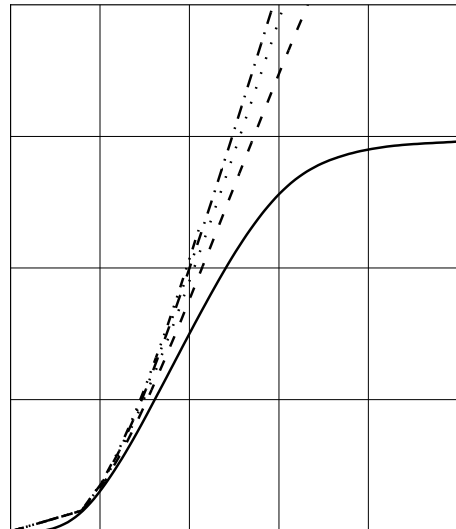
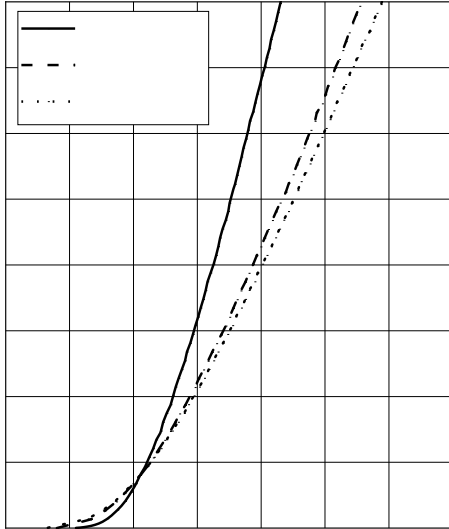
Maximum Rated Values

Characteristic Values

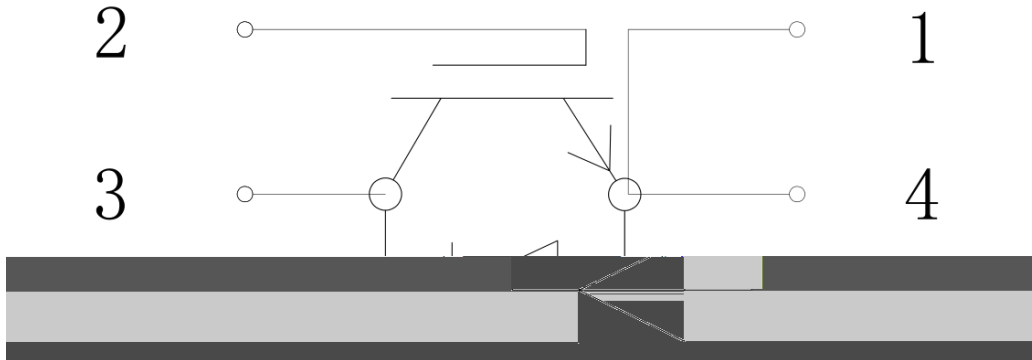
Module

Characteristic Values

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Circuit diagram



Package outlines (mm)

