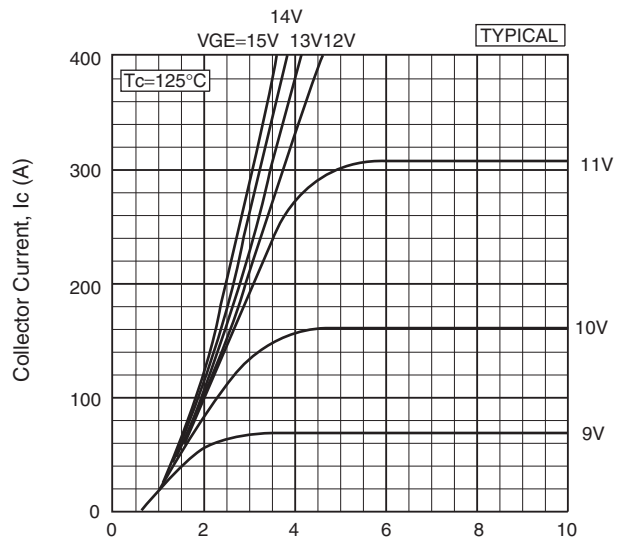
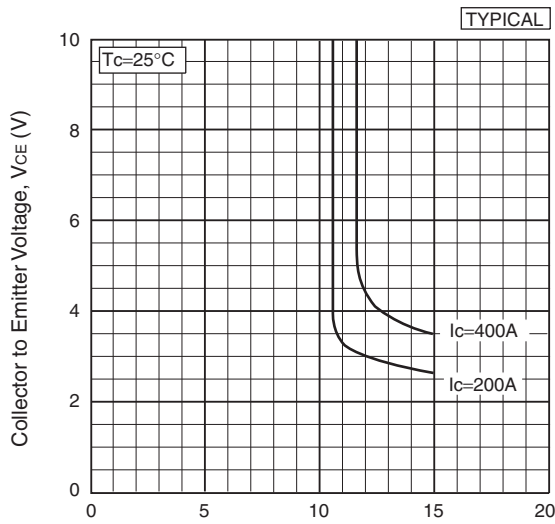


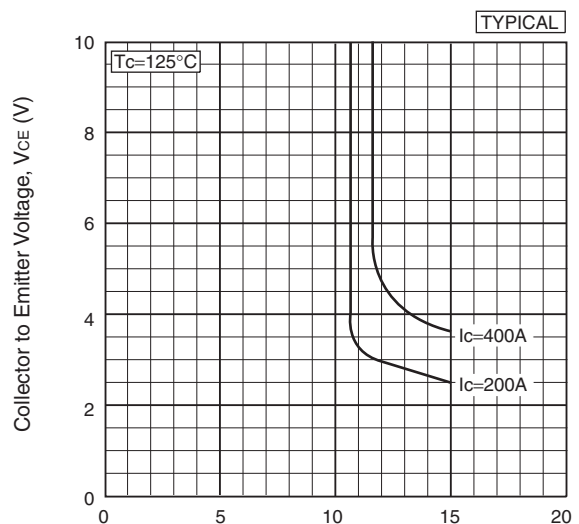
Collector to Emitter Voltage, V_{CE} (V)
Collector current vs. Collector to Emitter voltage



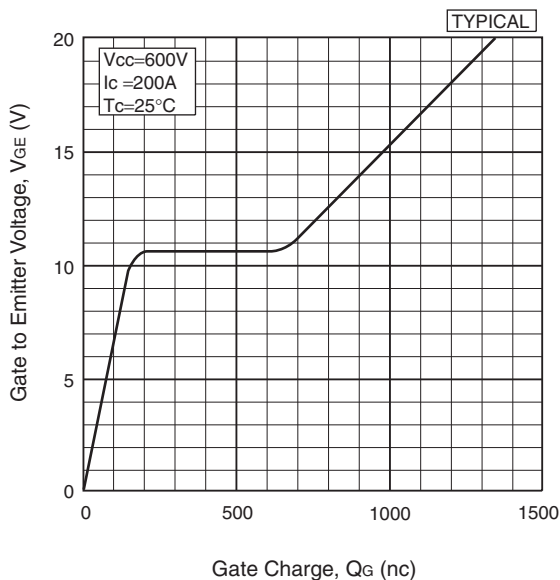
Collector to Emitter Voltage, V_{CE} (V)
Collector current vs. Collector to Emitter voltage



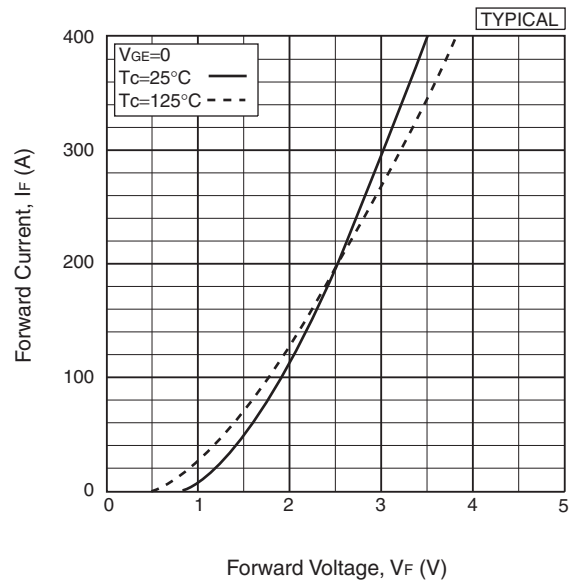
Gate to Emitter Voltage, V_{GE} (V)
Collector to Emitter voltage vs. Gate to Emitter voltage



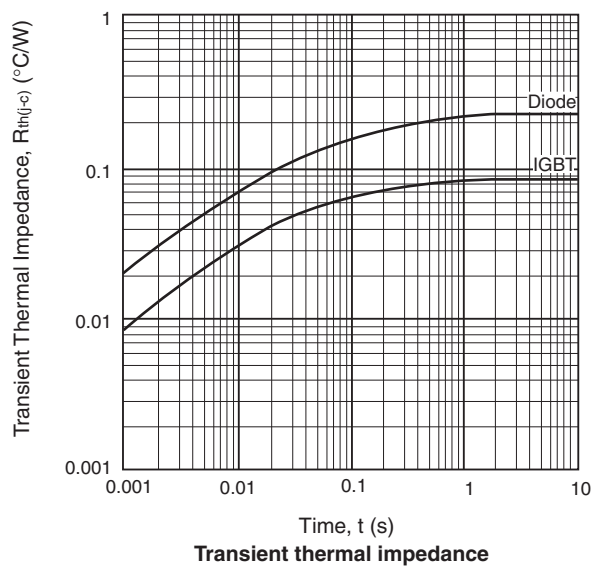
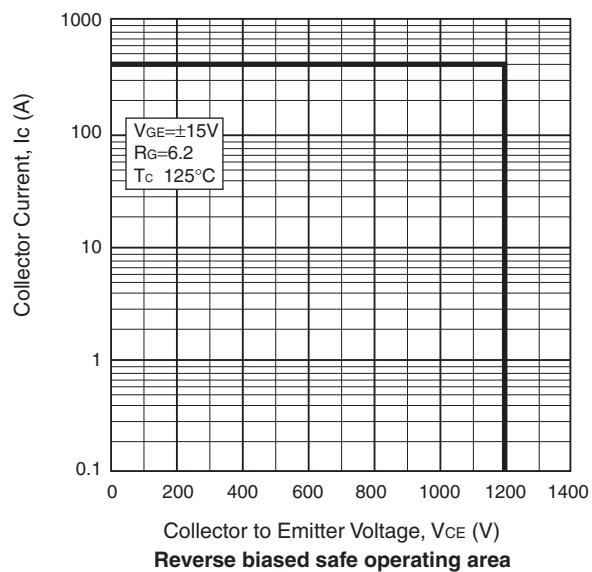
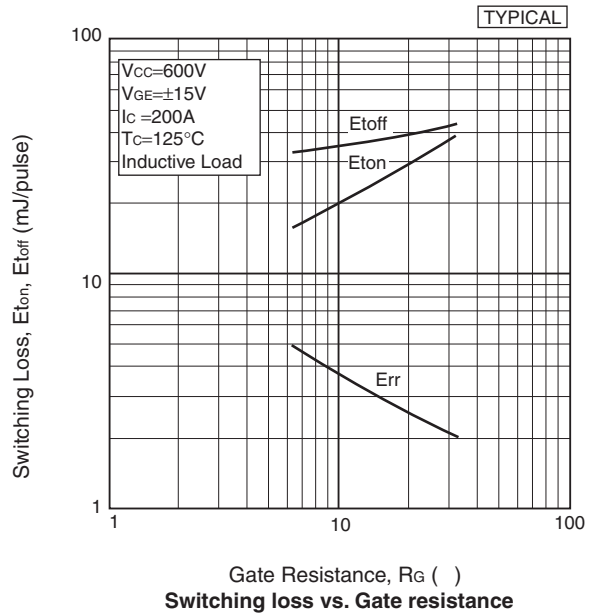
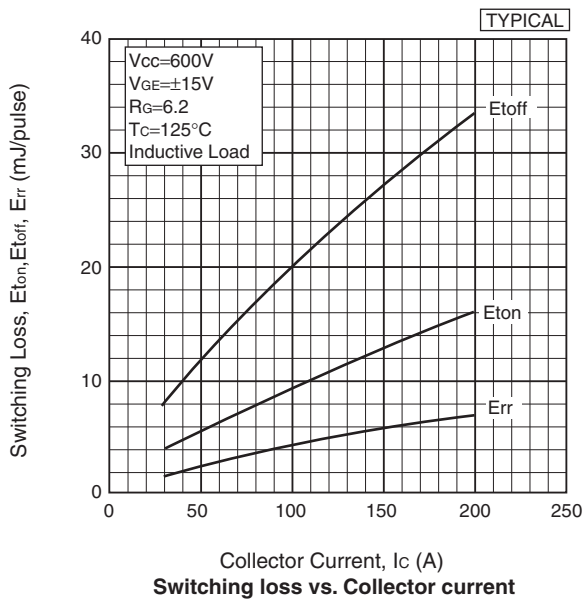
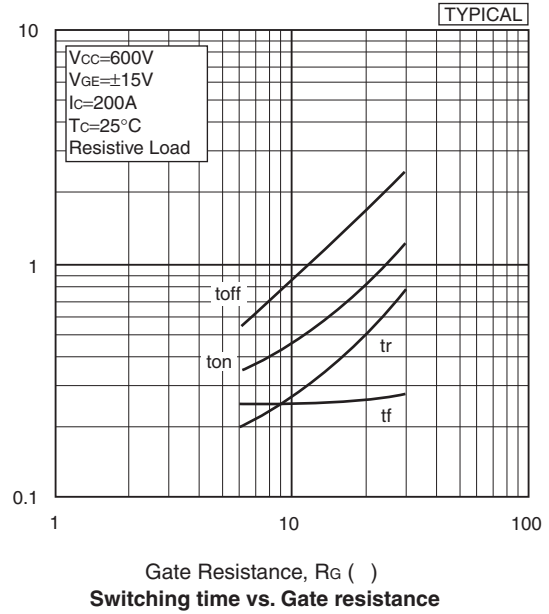
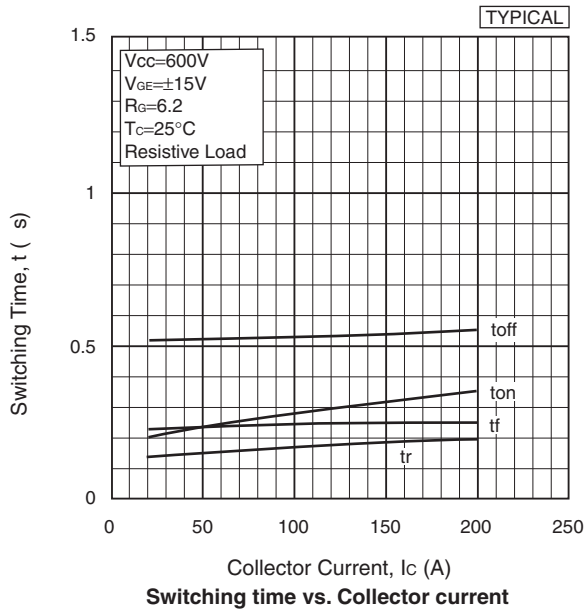
Gate to Emitter Voltage, V_{GE} (V)
Collector to Emitter voltage vs. Gate to Emitter voltage



Gate Charge, Q_G (nC)
Gate charge characteristics



Forward Voltage, V_F (V)
Forward voltage of free-wheeling diode



HITACHI POWER SEMICONDUCTORS

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