

$I_c(A)$

$V_{CE} \text{ V}$

$I_c(A)$

$V_{GE} \text{ V}$

Figure 3. Typical Transfer characteristics

$I_c(A)$

V_{CE}

$V_{CE}(V)$

T_c

Figure 4. Collector-Emitter Voltage vs Case temperature

$P_{tot}(W)$

T_c

Figure 5. Power Dissipation vs Case temperature

$Z_{thjc}(K/W)$

Rectangular Pulse Duration s

Figure 6. IGBT Transient Thermal Impedance

MM75G5U65BX

$E_{REC}(mJ)$

$Z_{thjc}(K/W)$

T_c

Figure 19. Switching Energy vs Ca

\hat{e}

i

Rectangular Pulse Duration s

Dimensions in (mm)

Figure 21. Package Outline