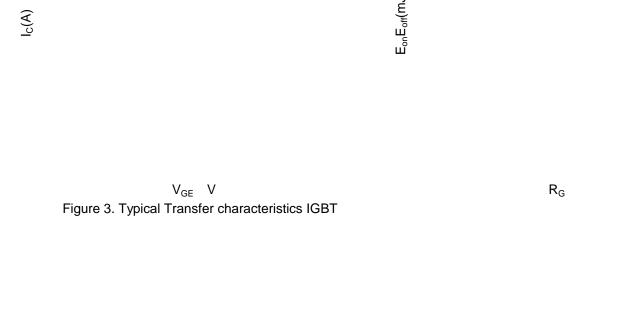
···″ .°• I/

Unit

рF

ns

ns



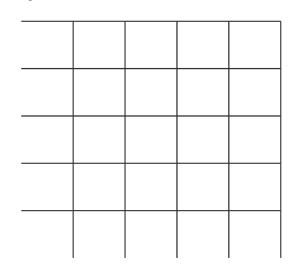
 $$\rm I_{\rm C}$$  A Figure 5. Switching Energy vs Collector Current IGBT

 $$\rm V_{\rm CE}$\ V$$  Figure 6. Reverse Biased Safe Operating Area IGBT



E<sub>REC</sub>(mJ)





 $R_{\text{\scriptsize G}}$ 

Figure 8. Switching Energy vs Gate Resistor Diode

-thJc(K/W)

 $$\rm I_{F}$$  A Figure 9. Switching Energy vs Forward Current Diode

Rectangular Pulse Duration s
Figure 10. Transient Thermal Impedance of
Diode and IGBT

## MM50G3U120BMX



Dimensions in (mm)
Figure 11. Package Outline