

MMG200Q120UA6TC

1200V 200A IGBT Module

September 2020

Version 01

RoHS Compliant

PRODUCT FEATURES

APPLICATIONS

High frequency switching application

Medical applications

Unit

W

Unit
V

KA²S

MMG200Q120UA6TC

IGBT
ELECTRICAL CHARACTERISTICS (T_c)

Unit

nA

μ C

nF

pF

ns

ns

ns

ns

ns

ns

ns

ns

ns

ns

ns

ns

mJ

mJ

mJ

mJ

K /W

Unit

ns

A

μ C

mJ

K /W

			Unit
T_{Jop}	Operating Temperature	-40~150	
T_{stg}	Storage Temperature	-40~125	
			V
			Nm
			Nm
			g

$I_c(A)$

$E_{on}E_{off}(mJ)$

$I_c(A)$

Figure 5. Switching Energy vs Collector Current IGBT

$V_{CE}(V)$

Figure 6. Reverse Bur1 0 ETBT/F2 9.9rgy vs Collector Current

