

MMG150S120B6UC

1200V 150A IGBT Module

PRODUCT FEATURES

APPLICATIONS

MMG150S120B6UC

IGBT-inverter

ELECTRICAL CHARACTERISTICS ($T_c=25^\circ\text{C}$ unless otherwise specified)

Unit

nA

μC

nF

pF

ns

ns

ns

ns

ns

ns

ns

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MODULE CHARACTERISTICS (T_c=25°C unless otherwise specified)

Symbol	Parameter/Test Conditions		Values	Unit
T _{Jmax}	Max. Junction Temperature		175	
T _{Jop}	Operating Temperature		-40~150	
T _{stg}	Storage Temperature		-40~125	
V _{isol}	Isolation Breakdown Voltage	AC, 50Hz(R.M.S), t=1minute	3000	V
CTI	Comparative Tracking Index		· 200	
Torque	to heatsink	Recommended \ddot{A} M6 \ddot{A}	3~5	Nm
	to terminal	Recommended \ddot{A} M5 \ddot{A}	2.5~5	Nm
Weight			160	g

MMG150S120B6UC

$I_c(A)$

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

V

MMG150S120B6UC

$I_F(A)$

$E_{REC}(mJ)$

V

Figure 13. Circuit Diagram

Dimensions in (mm)
Figure 14. Package Outline