

## Features

Field Stop Trench gate IGBT、 Low Collector-Emitter saturation voltage、 High short circuit capability  
Low swiching losses

## Version

Low noise

## Application

Industrial Motor Drivers, Inverter, Welding, UPS

## Status

Mass production

## Specifications

Gate-Emitter voltage VCES [V]	Collector current IC [A]	Collector- Emitter saturation voltage VCE(sat) @Tj=25deg C typical limit	Collector- Emitter saturation voltage VCE(sat) @Tj=25deg C upper limit	Gate Voltage VGES [V]	Gate-Emitter threshold voltage VGE(th) lower limit [V]	Gate-Emitter threshold voltage VGE(th) upper limit [V]
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**MMJC0A5J00xx**

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		[V]	[V]			
1200	150	1.70	2.05	-30~30	5.20	6.60
Internal gate resistor Rgint typical limit [Ω]		Die size X [mm]	Die size Y [mm]		Junction temperature Tj [deg.C]	
5.0		12.36	11.40		-40~175	