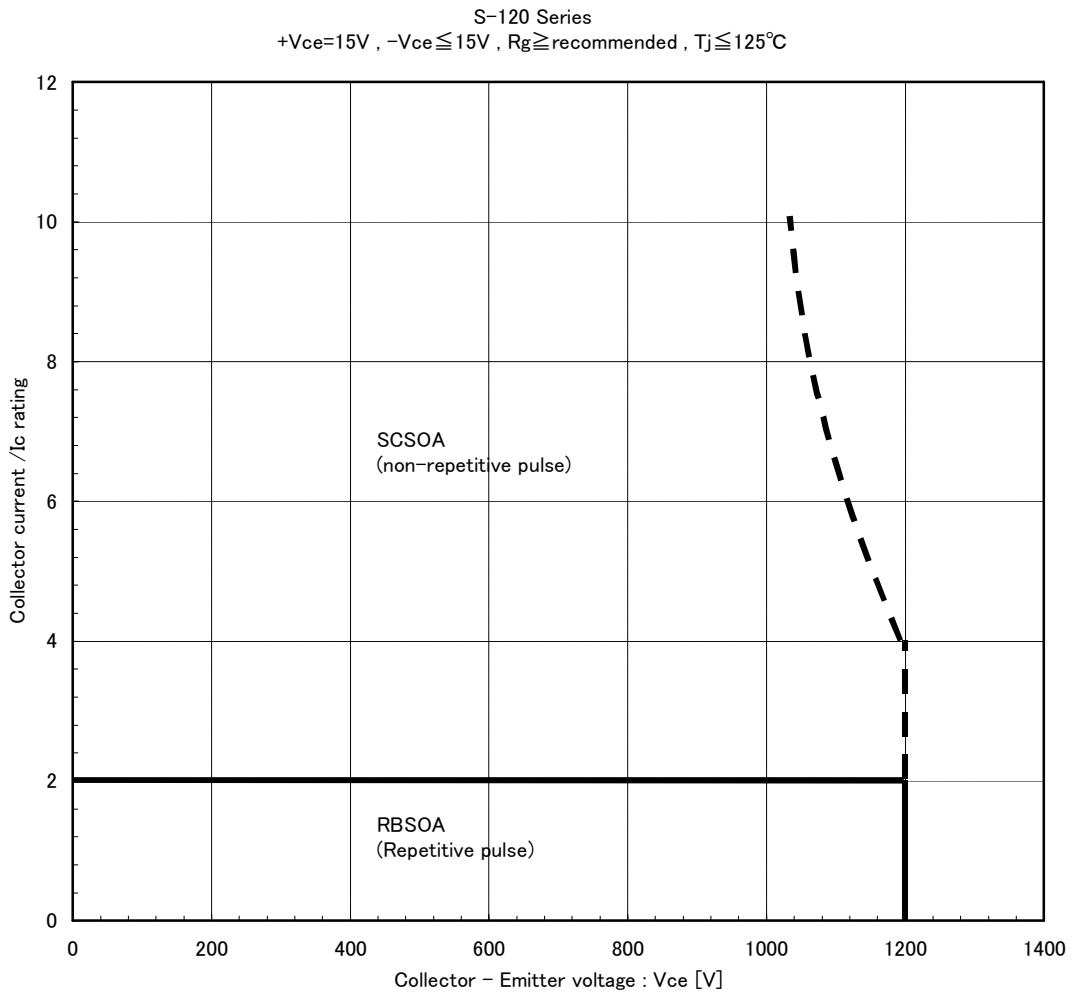

FUJI IGBT Modules S-120 Series

Technical Documents

1.	RBSOA, SCSOA	MT5F10398
2.	High current output-characteristics	MT5F19810
3.	Dependence of blocking voltage and junction temp.	MT5F20007
4.	-dic/dt vs. T_j characteristics	MT5F19889
5.	Dynamic avalanche voltage vs. T_j characteristics	MT5F19892

Fuji IGBT Modules S-120 Series
RBSOA, SCSOA

Sample: 2MBI150SC-120



Technical documents | MT5F15412

2008-03-27

Fuji IGBT Modules S-120 Series
High current output-characteristics

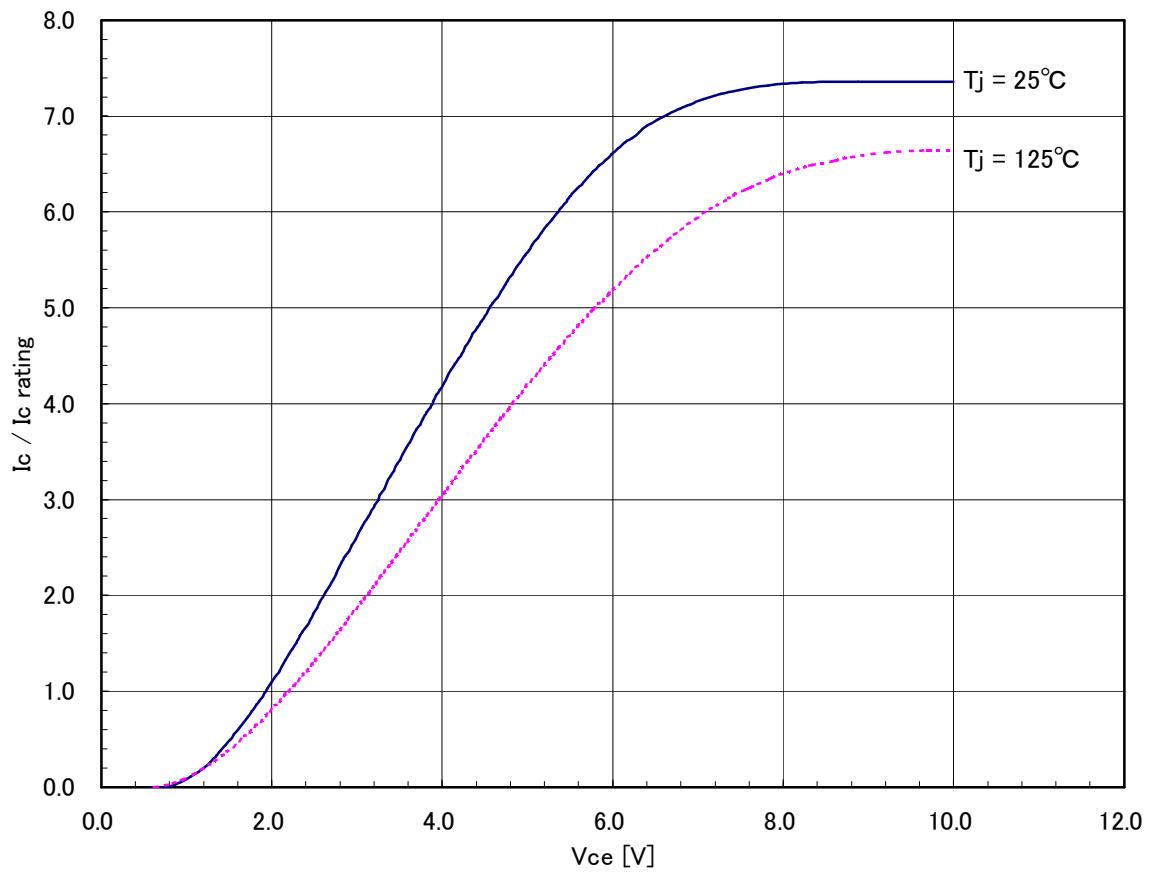
S-120Series

Conditions: $T_j=25/125^{\circ}\text{C}$

$V_{GE}=15\text{V}$

Include internal-drop voltage due to internal-resistance of module.

S - 120 Series



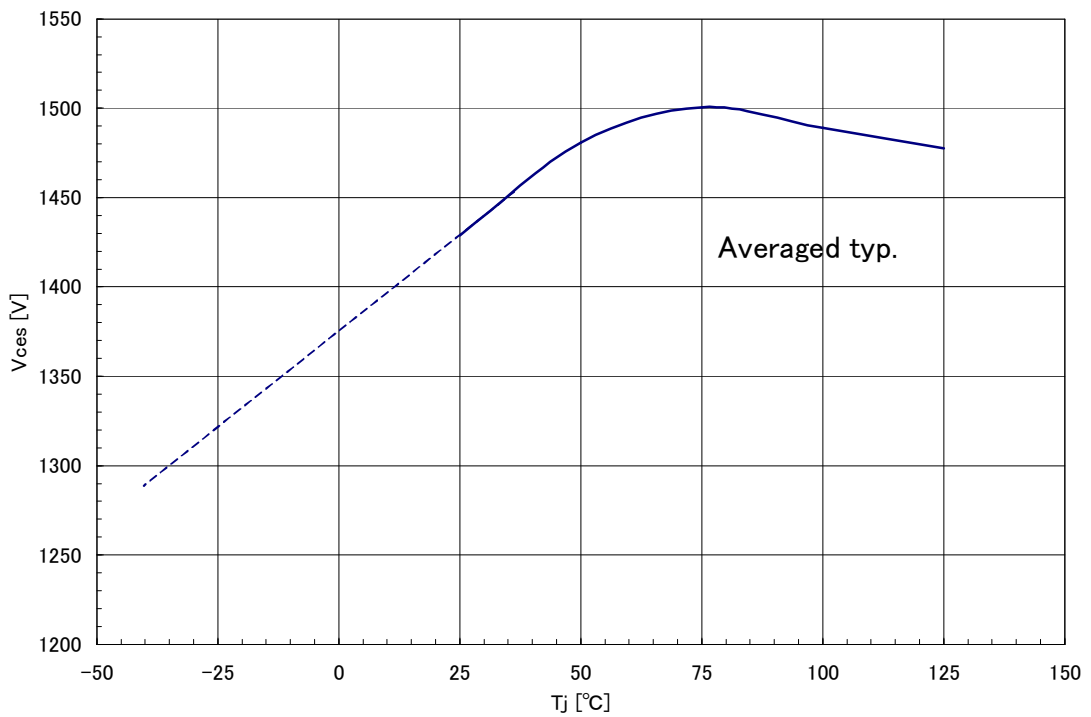
Technical documents **MT5F19810**

2008-03-27

Fuji IGBT Modules S-120 Series

Dependence of blocking voltage and junction temp.

Sample: 7MBI150SD120-50



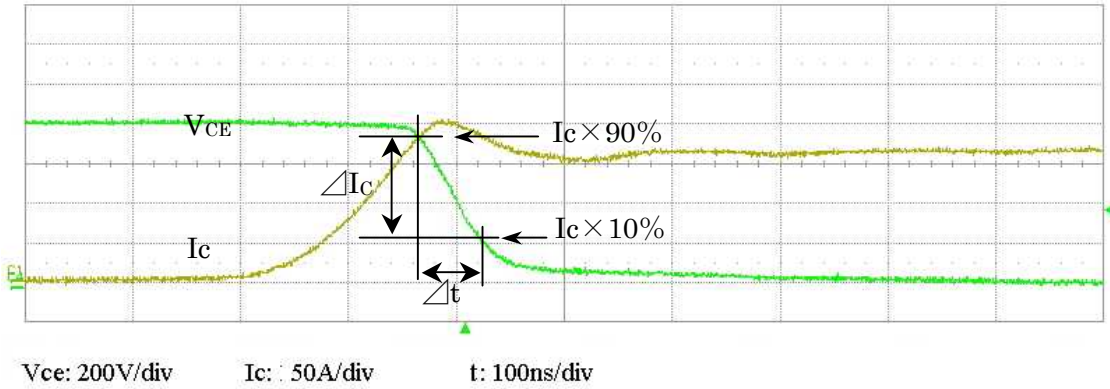
Technical documents | MT5F20007

2008-03-27

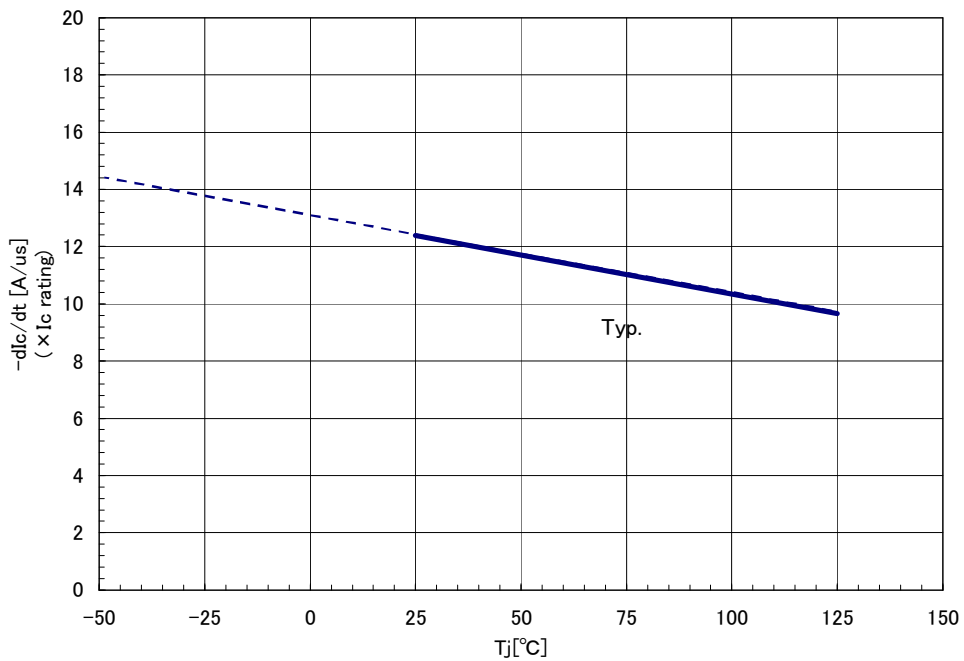
Fuji IGBT Modules S-120 Series
-dIc/dt vs. T_J characteristics

Sample: 2MBI200S-120

Conditions: V_{DC}=600V, I_C=200A, V_{GE}=±15V, R_G=4.7Ω



S-120 Series



Technical documents | MT5F19889

2008-03-27

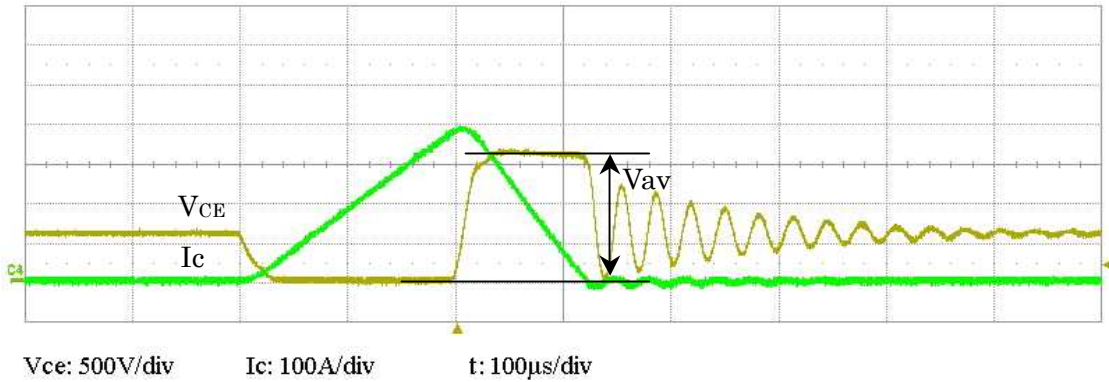
Fuji IGBT Modules S-120 Series

Dynamic avalanche voltage vs. T_j characteristics

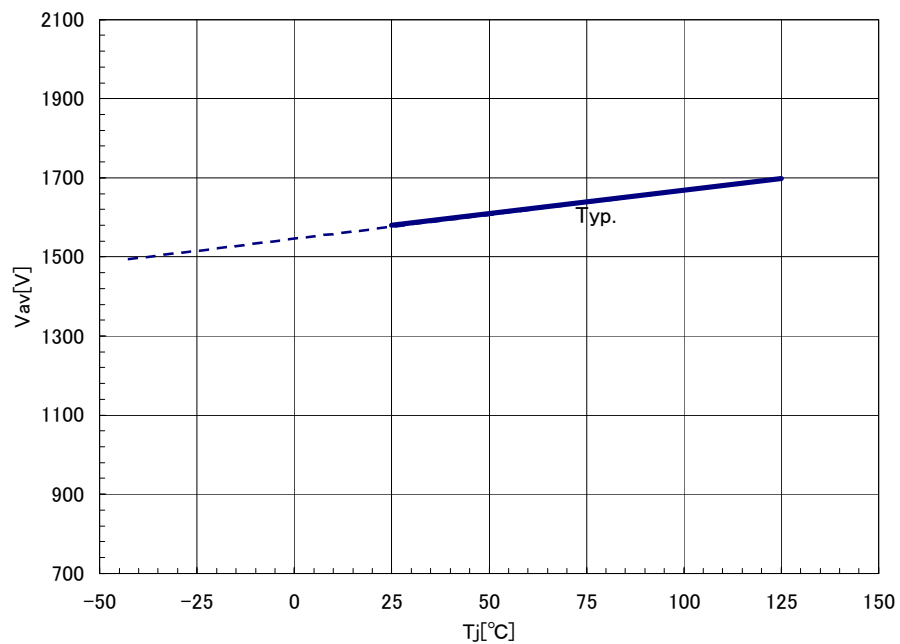
Sample: 2MBI200U2A-120

Conditions: $V_{DC}=600V$, $I_C=2 \times \text{Rated}$

$V_{GE}=\pm 15V$, $R_G=\text{Recommended}$



2MBI200S-120



Technical documents | MT5F19892

2008-03-27