JJMICROELECTRONICS

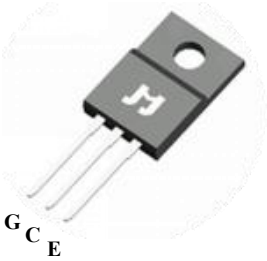
650V 20A Trench and Field Stop IGBT

JJT20N65SS

K :

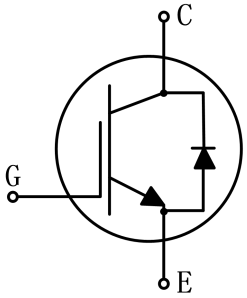
- $_{CE}$=650V
- $_{C}$=20A@ $_{C}$=100
- $_{CE(\ )}$=1.6 V

TO-220F



F :

- H .
- 10 .
- P $_{CE(\ )}$.
- H .
- E .
- R HS .



A :

- H
- M
- G

T	M	P	P
JJT20N65SS	T2065SS	TO-220F	T

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CES	C - Y			650	V
GES	G - R			20	V
	C		(C=25)	40	A
C					
	C		(7&=100 •)	20	A
CM	P H				

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					M .	. M .
$_{CES}$	C	-		$_{GE}$=0V, $_{C}$=250μA	65	

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M . . M .

F □ □

F D

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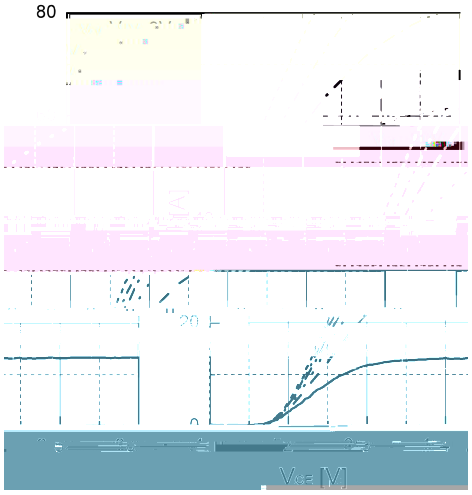
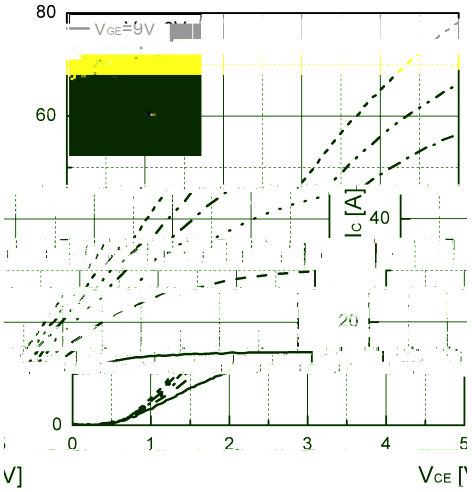
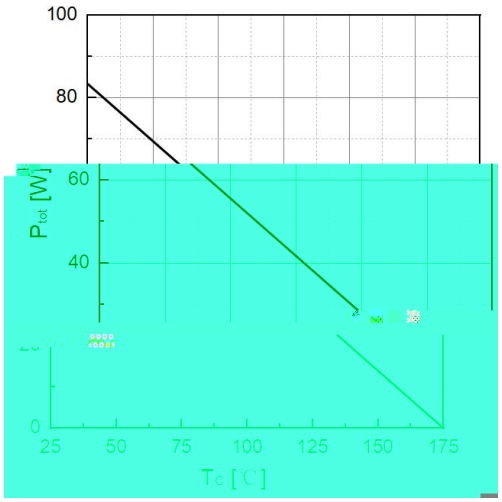


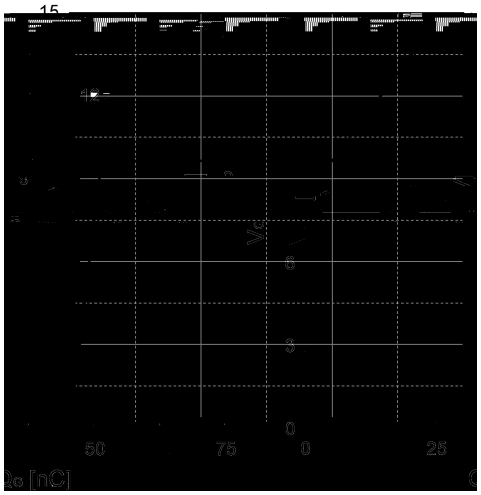
F 1. T (=25)



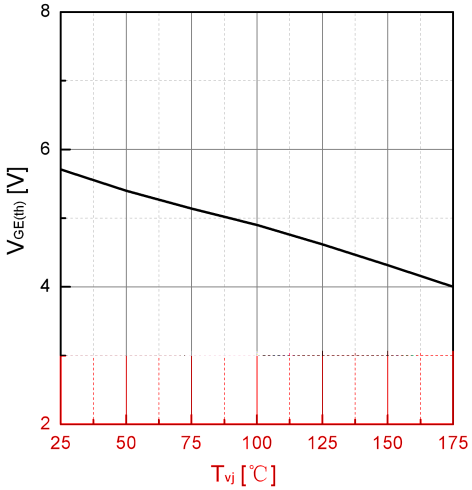
F 2. T (=175)



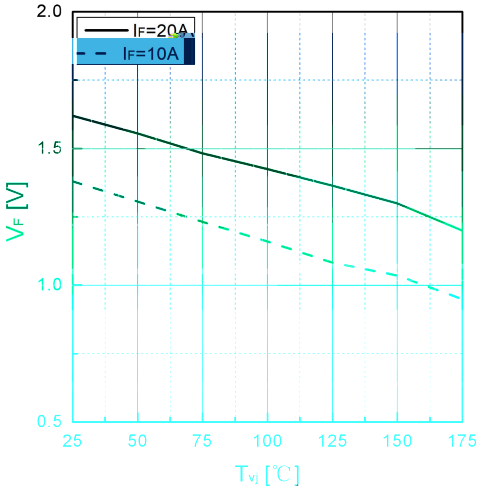
F 3. P



F 4. T G



F 5. T GE( )
(C=1 A)



F 6. T F

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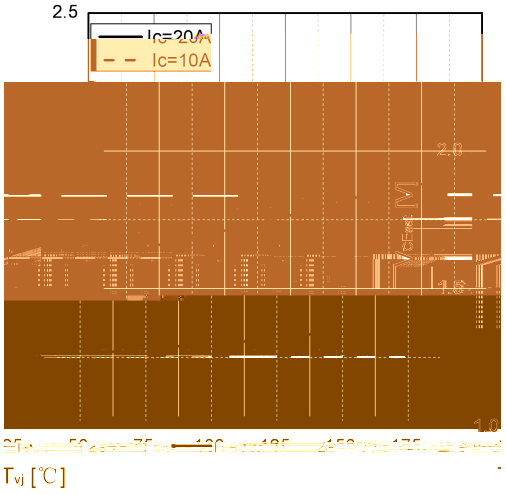
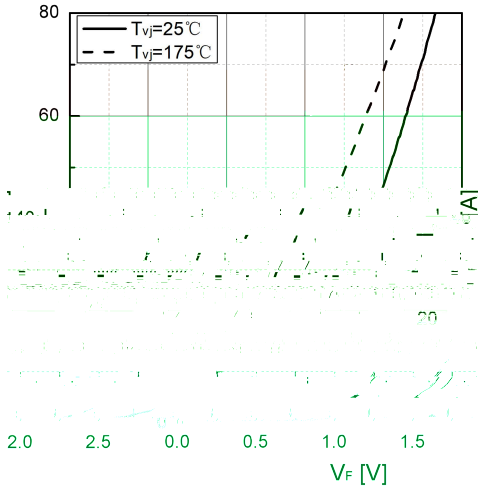
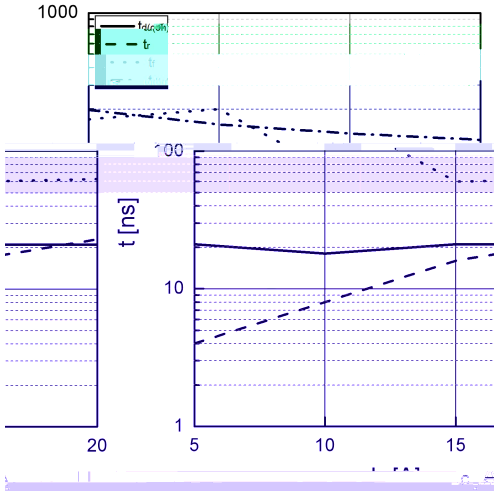


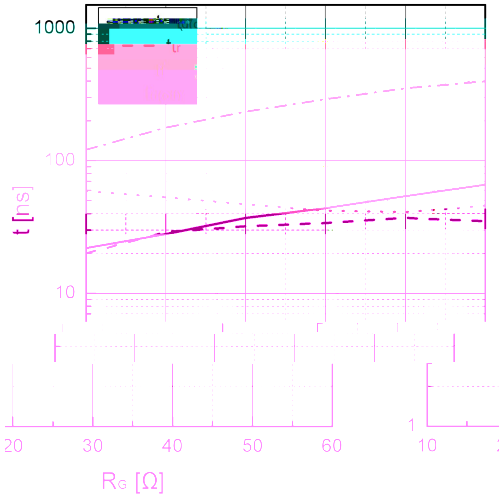
F 7. T CE



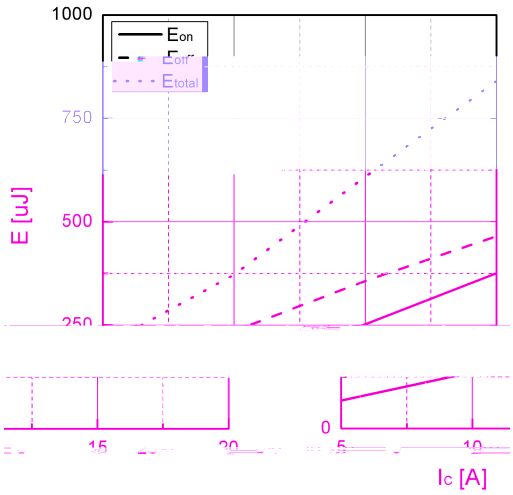
F 8. T F F



F 9. T C

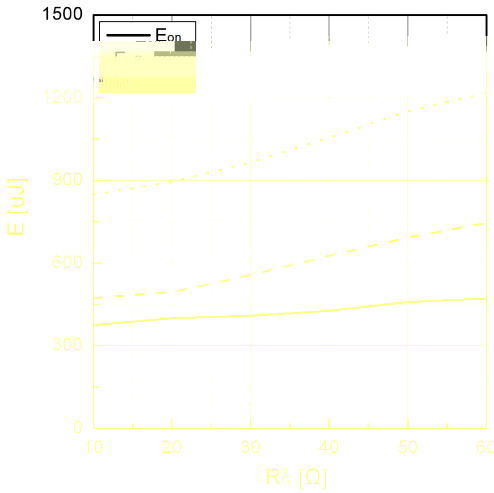


F 10. T G



F 11. T

C



F 12. T

G

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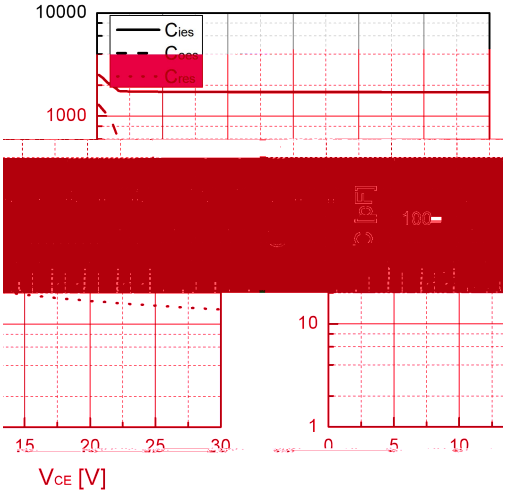
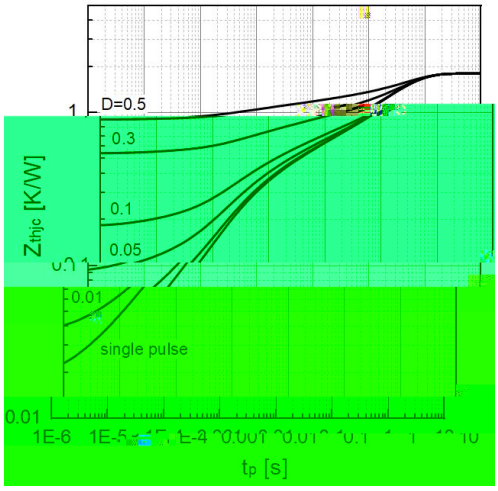


F 13. T CE

(=1M , GE=0V)



F 14. T , IGBT

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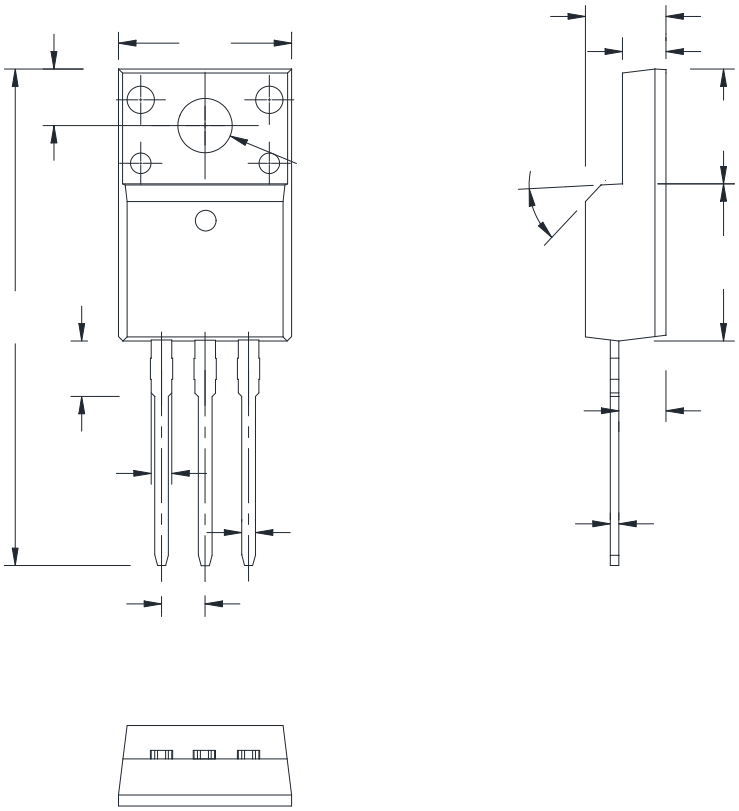
TO-220F



R .	D					
	M			I		
	M .	T .	M .	M .	T .	M .
A	4.50	-	4.90	0.177	-	0.193
B	0.74	0.80	0.83	0.029	0.031	0.033
C	0.47	-	0.66	0.019	-	0.026
C2	2.45	-	2.75	0.096	-	0.108
C3	2.60	-	3.00	0.102	-	0.118
D	8.80	-	9.30	0.346	-	0.366
E	9.80	-	10.40	0.386	-	0.410
F	6.40	-	6.80	0.252	-	0.268
G	2.40	-	2.70	0.094	-	0.106
H	28.0	-	29.80	1.102	-	1.173
L1	-	3.63	-	-	0.143	-
L2	1.14	-	1.70	0.045	-	0.067
L3	-	3.30	-	-	0.130	-
V1	-	45 °	-	-	45 °	-

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D	R	C
2023-12-05	R 1.0	R .
2024-05-20	R 1.1	U
2025-03-06	R 1.2	C
2026-06-24	R 1.3	U

D

PLEASE NOTE - J J J M C ., L ("JJM") , ,
/ . I
, . T
JJM JJM'
JJM'
. P JJM
, , JJM' . A JJM
. T JJM
J J J M C ., L . T
. 2026 JJM - A

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