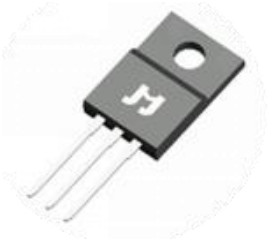
JJMICROELECTRONICS

650V 30A Trench and Field Stop IGBT

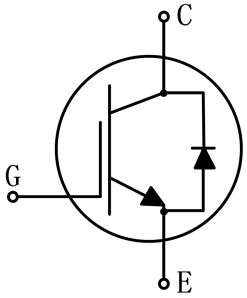
JJT30N65SS

- $_{CE}$=650V
- $_{C}$=30A@ $_{C}$=100
- $_{CE(\ )}$=1.7 V

TO-220F



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



- H
- M
- G

T	M	P	P
JJT30N65SS	T3065SS	TO-220F	T

All product information is copyrighted and subject to legal disclaimers.

All product information is copyrighted and subject to legal disclaimers.

(=25)

S

CES	C -	GE=0V, C=250μA	650	-	-	V
CES	C -	CE=650V, GE=0V	-	-	50	μA
GES	G ,	GE=20V, CE=0V	-	-	100	A
	G ,	GE=-20V, CE=0V	-	-	-100	A
GE( )	G -	GE= CE, C=1 A	5.2	5.7	6.2	V
CE( )	C -	GE=15V, C=30A	-	1.7	-	V
		GE=15V, C=30A, =175	-	2.2	-	V

D

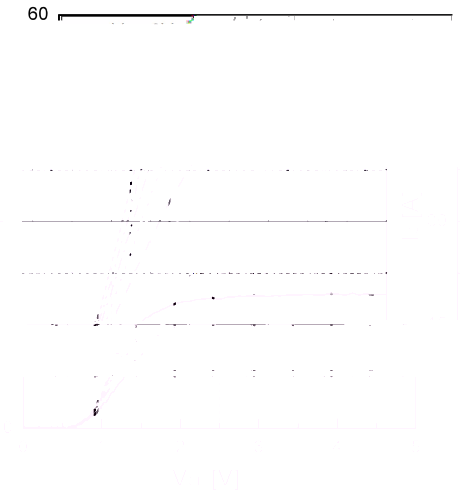
	I	CE=30V GE=0V =1MH	-	1978	-	F
	O		-	100	-	F
	R		-	23	-	F
	T	CC=520V GE=15V C=30A	-	103	-	C

All product information is copyrighted and subject to legal disclaimers.

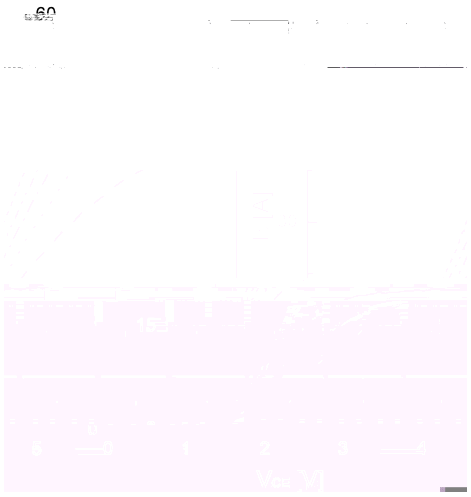
(=25)

F	D	F=30A	-	1.7	-	V
		F=30A, =175	-	1.4	-	V
	D	R=400V F=30A F/ =-550A/μ	-	105	-	
	D		-	16	-	A
	D		-	876	-	C
	D	R=400V F=30A F/ =-550A/μ =175	-	171	-	
	D		-	26	-	A
	D		-	2650	-	C

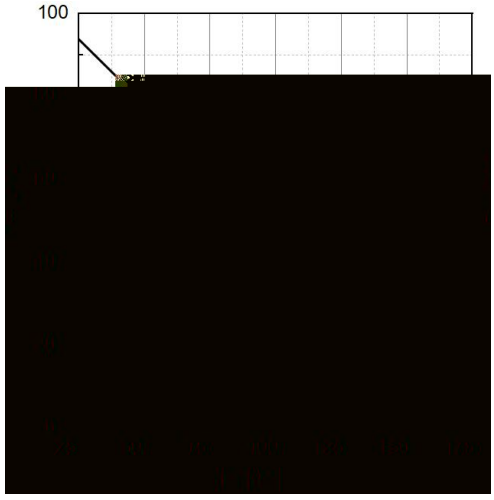
All product information is copyrighted and subject to legal disclaimers.



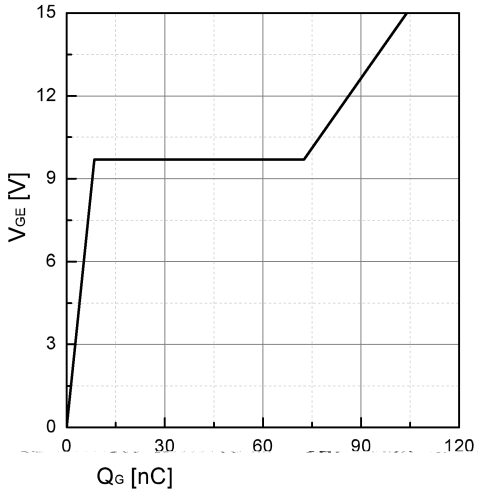
F 1. T (=25)



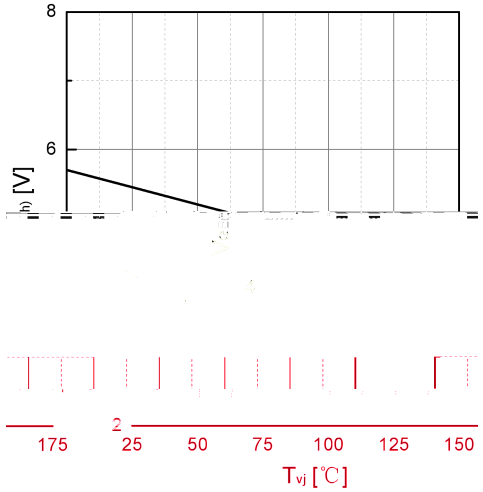
F 2. T (=175)



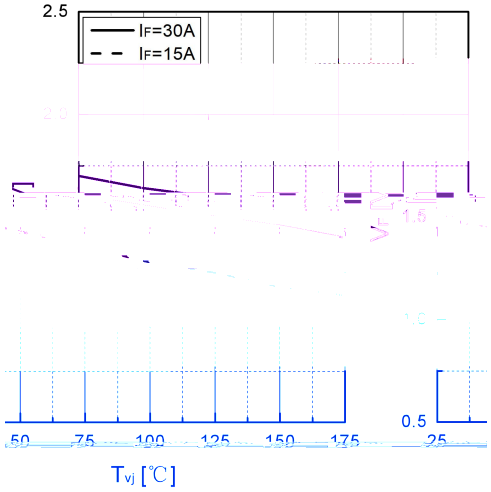
F 3. P



F 4. T G

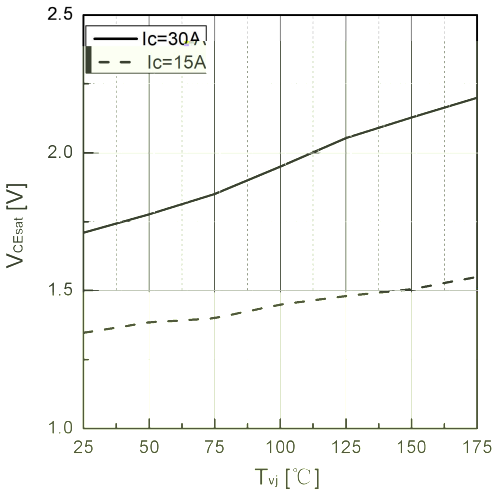


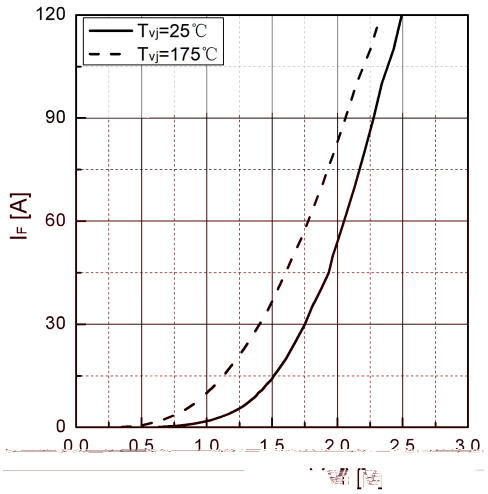
F 5. T GE( )
(C=1 A)



F 6. T F

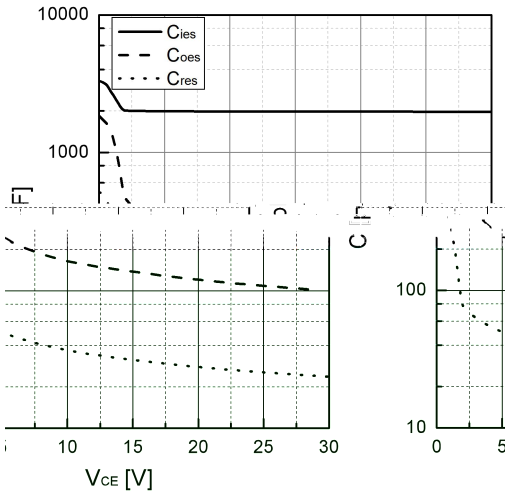
All product information is copyrighted and subject to legal disclaimers.





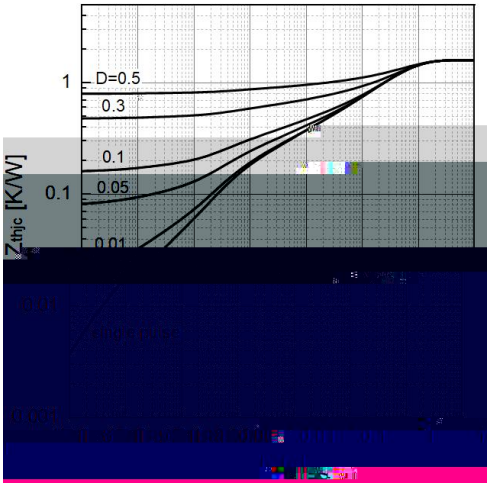
F 7. T CE

All product information is copyrighted and subject to legal disclaimers.



F 13. T CE

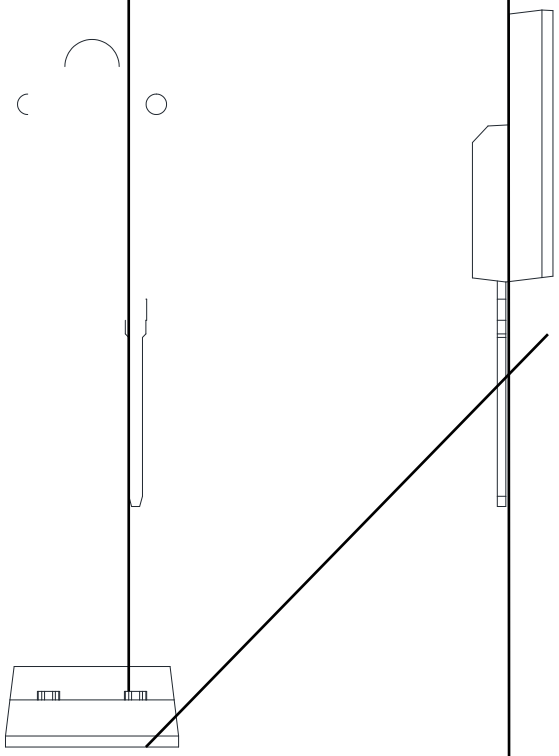
(=1M , GE=0V)



F 14. T , IGBT

All product information is copyrighted and subject to legal disclaimers.

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 °	-

All product information is copyrighted and subject to legal disclaimers.

D	R	C
2023-12-27	R 1.0	R
2025-03-09	R 1.1	C
2026-06-24	R 1.2	U

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

All product information is copyrighted and subject to legal disclaimers.