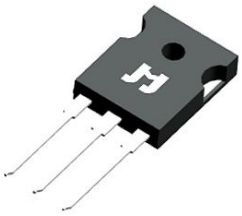
JJMICROELECTRONICS

650V 30A Trench and Field Stop IGBT

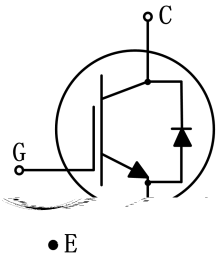
JJT30N65SE

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

TO-247



- H .
- 10



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$_{CES}$	C	-	$_{GE}$=0V, $_{C}$=250 A	650	-	-	V	
$_{CES}$	C	-	$_{CE}$=650V, $_{GE}$					

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S

( )	T -		-	30	-	
	R		-	39	-	
( )	T -	CC=400V	-	151	-	
	F	GE=0/15V	-	29	-	
	T -	C=30A	-	0.95	-	J
	T -	G=10Ω	-	0.60	-	J
	T	I	-	1.55	-	J
( )	T -		-	28	-	
	R		-	40	-	
( )	T -	CC=400V	-	169	-	
	F	GE=0/15V	-	71	-	
	T -	C=30A	-	1.5	-	J
	T -	G=10Ω	-	0.8	-	J
	T	I =175	-	2.3	-	J

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(=25)

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

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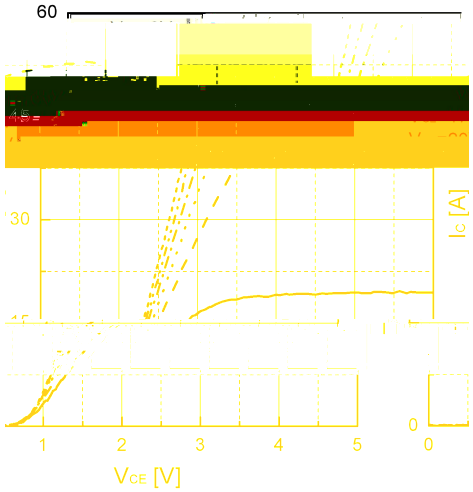
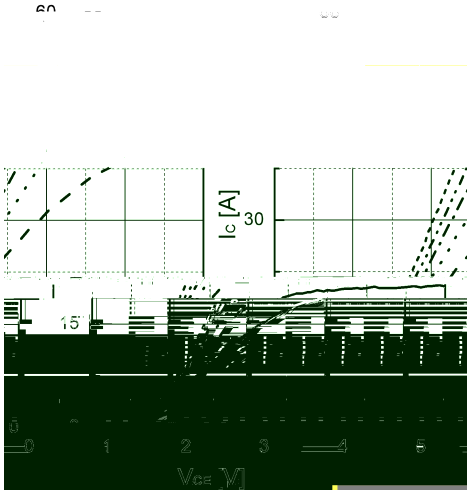
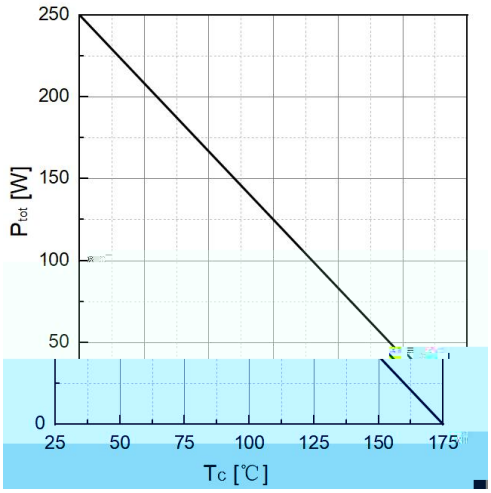


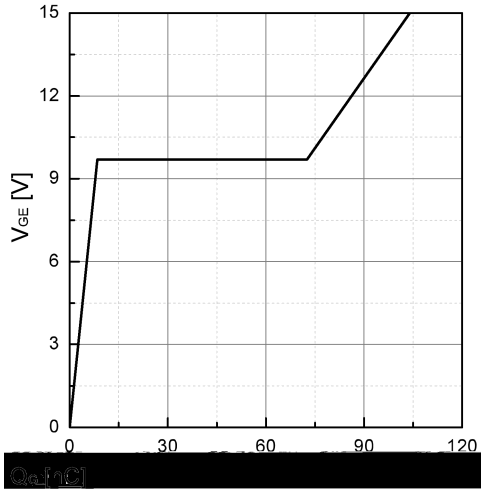
F 1. T (=25)



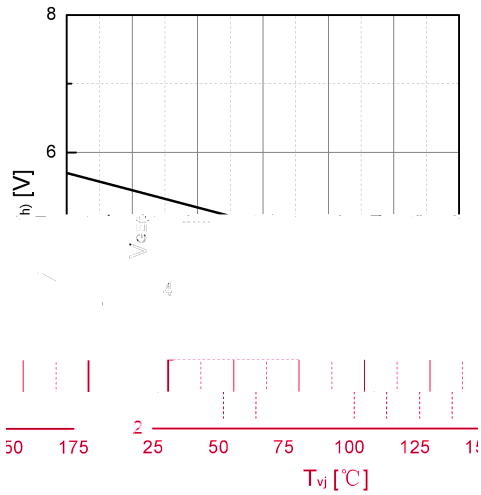
F 2. T (=175)



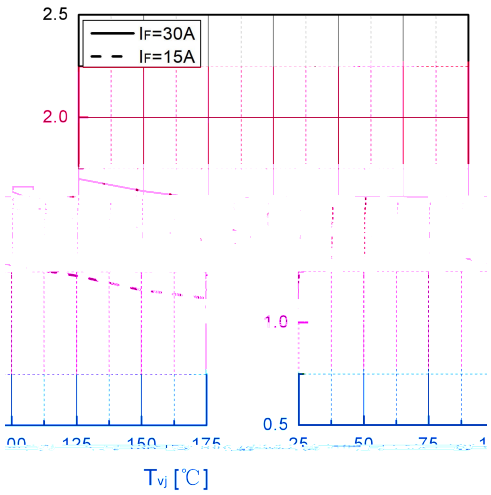
F 3. P



F 4. T G



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



F 6. T F

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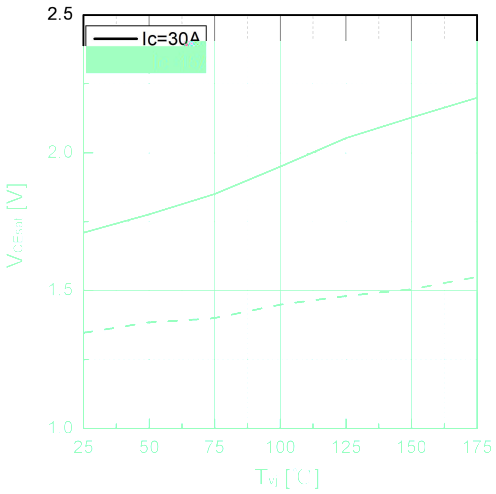

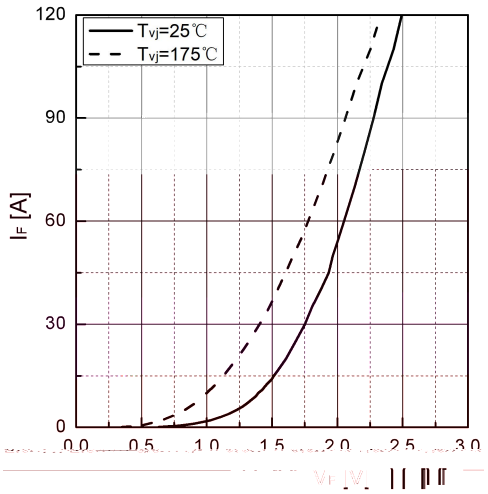

F 7. T CE

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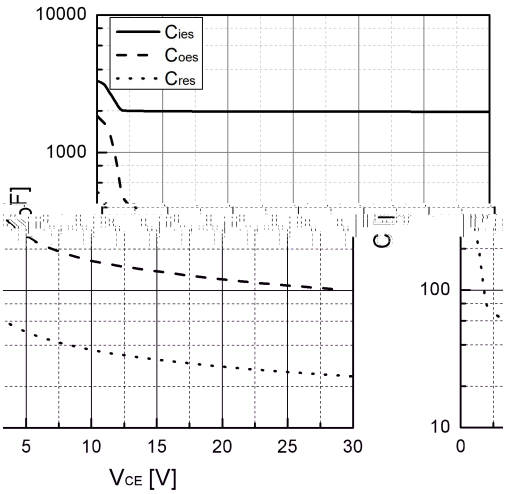
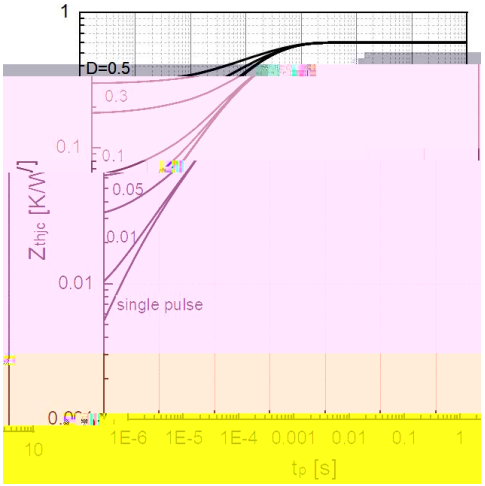


F 13. T CE
(=1M , GE=0V)



F 14. T IGBT

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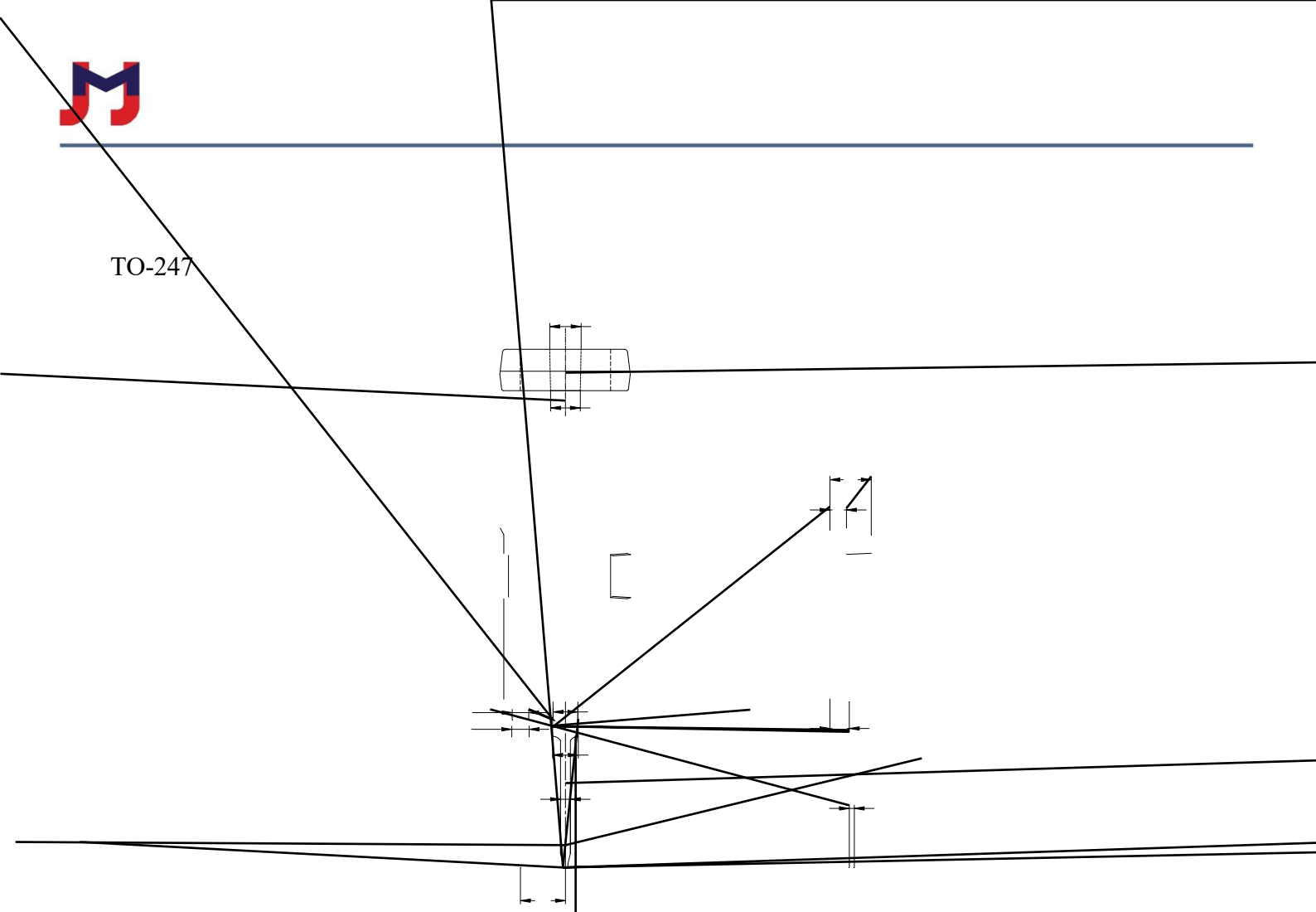
TO-247



R .	D					
	M			I		
	M .	T .	M .	M .	T .	M .
A	15.50	15.80	16.10	0.610	0.622	0.634
B	20.80	21.00	21.20	0.819	0.827	0.835
C	19.70	20.00	20.30	0.776	0.787	0.799
D	1.80	2.00	2.20	0.071	0.079	0.087
E	1.90	2.10	2.30	0.075	0.083	0.091
F	1.00	1.20	1.40	0.039	0.047	0.055
G	5.25	-	5.65	0.207	-	0.222
H	4.80	5.00	5.20	0.189	0.197	0.205
J	1.90	2.00	2.10	0.075	0.079	0.083
K	2.20	2.35	2.50	0.087	0.093	0.098
L	0.41	0.60	0.79	0.016	0.024	0.031
M	2.80	3.00	3.20	0.110	0.118	0.126
N	2.90	3.10	3.30	0.114	0.122	0.130

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D	R	C
2024-03-20	R 1.1	U
2024-05-17	R 1.2	U
2025-03-09	R 1.3	C
2026-06-25	R 1.4	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

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