



1 (/01 0 5 . (((

. 1.. 0 10 10

/1. 1.. 0 , (05

/ -1 (. 1/0 ((2 (

3 .3 . 2 (0

0) /		
4		

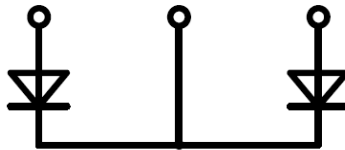
(0

. -1 5 3 . 1,, (5

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2 ./ 0.5 . 0 0

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1 (// 0 .3 / / ,

, 002 , . 2 ./ 2 (0	2			
2 . /0 0 1 . 0	, .) 1(			
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0 (1 . 1/	3 2 0) °C, per diode	0		/
1 0 0) , . 01. .				
0 . 0) , . 01. .		/0		°C



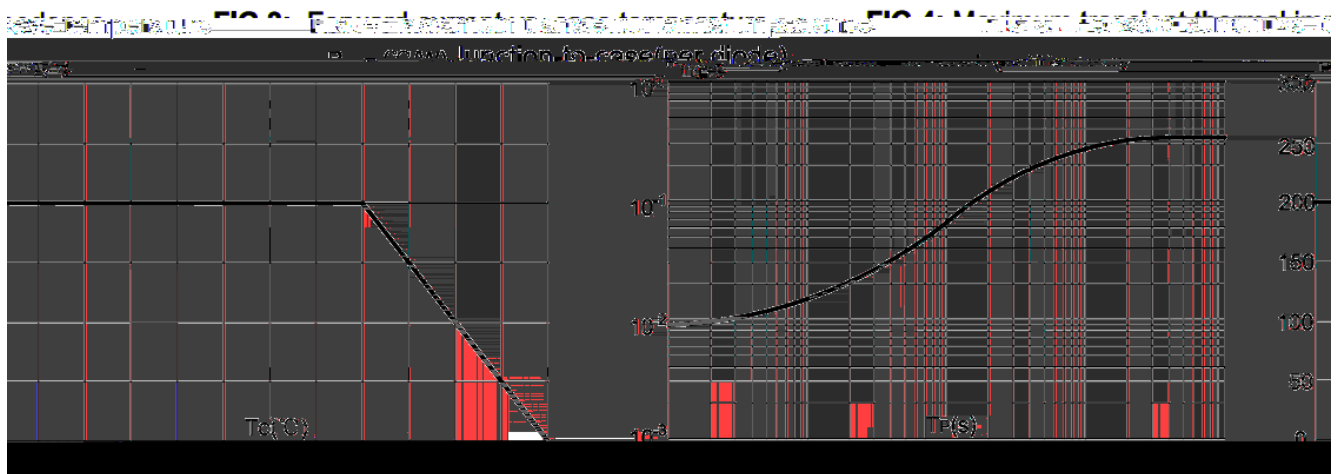
1 (// 0 .3 / / ,

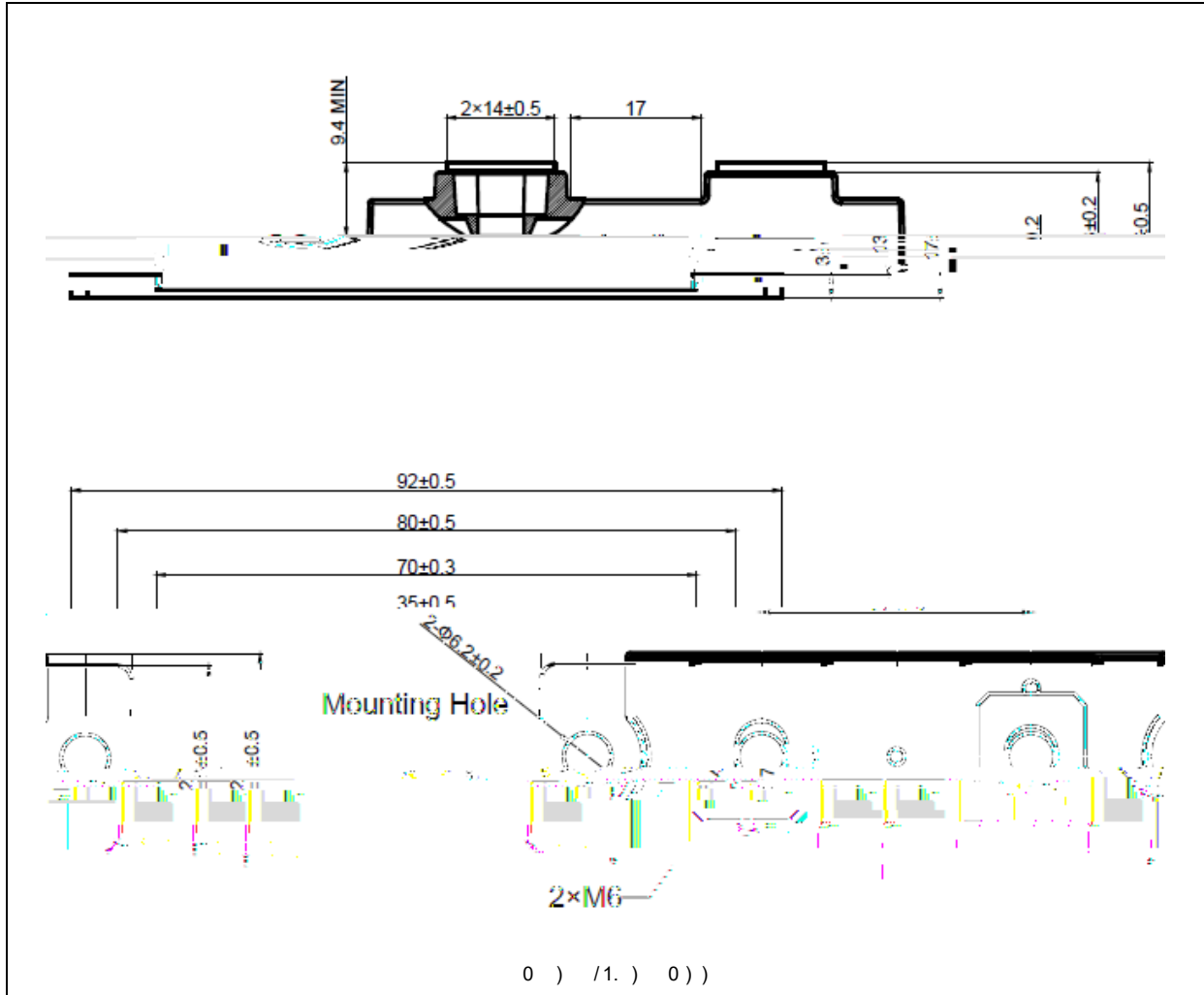
.3 . 2 (0	2					
	2					
4) 1) . 2 ./ (1.. 0	2					)
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1 (// 0 .3 / / ,

.) (. / / 0 1 0 0 /	, .	0				K
1 0 0 .-1	/ , (0 0 σ / . 3					)
	(0 0 0 .) (/ . 3					)

FIG.2: Peak on-state surge current







.) 0 1. / 0 / 1) 0 / (2 0 1. 0 . ((3 2 .
/1 /) 1 0 . 0 //1) / . /, / (5 . 0 / -1 / 1/
3 0 10 / . 0 3 0 10, . . 0 0 0 / 5 0 /) 0 0 / 1) 0
/ /1 00 / 10, . . 0 0 0 / 1 / 3 ((1(5) , (5
3 0 0 0 .) / 10 / .) 0 1 0 /) 0 , . 2 0 /
1) 0 2 .) 0 , 0 0 /1 //1) / . /, / (5 . 5
.) 0 0 . . 0 0 . , . 0 / 3) 5. /1(0 .) 0 1 / /1 , . 1 0
/1, . / / . , (/ ((.) 0 , . 2 1/(5 /1, , (/1
/ . /0 . 0) . /1) 1 0 . 0 /1
) 1 0 . 0 ((. 0 . / .2