



: T OR QUSOR SO QUSQ S

: R QO QS Q QUS

6 UV USQ S Q QP

D@@		D
Z		/
Z _{4A} . +		/
D ₄ O		D

4 SR T 21

: S SQ TS T O SR/1 Q S

Q OPS SQ TS T /1□21 Q S S



. B₁ + 1 S VS S SQTSR

@S S S SO S S S QUS		D@@		D
S S S SO S S S QUS		D@A		D
= Q S	B ₁ + °C	Z		/
4 OR USQ S	□ QQS A S OS 6 B + °C	Z _{4A}		/
7 O ST T U		7	!	/
@ A O QUS	/ 1 6 □	D _{7A} =	! □	D
8 Q S SO S O US		B ₈	"	
A QUS S SO S O US		B _U	"	°C



. B₁ + 1 S VS S SQTSR

4 OR QJS	$\bar{Z} + / B + ^\circ C$	D ₄		!		D
@S S S SO QJS Q S	D@+D@@ B + ^\circ C	Z@@				/
	D@+D@@ B + ^\circ C					/
BVS V R QJS	4 S QQ Q O B + ^\circ C	D _{B=}			"	D
2 O Q S O QS		B				

. B₁ + 1 S VS S SQTSR

BVS O SRO QS Q QS	S R RS	@V Q			!	E
U S	00 S OS VSO QS		"			
	3 SQ RS S O QS		"			

8 2 B2 2	8 2 B2 2	2	" U 1A	1A	" 1A



FIG.1: Forward characteristics(per diode)

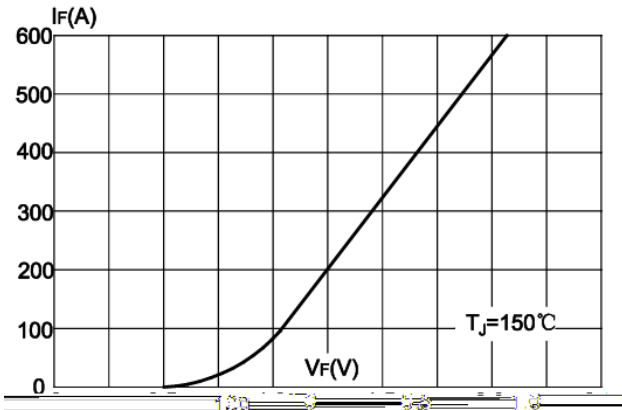
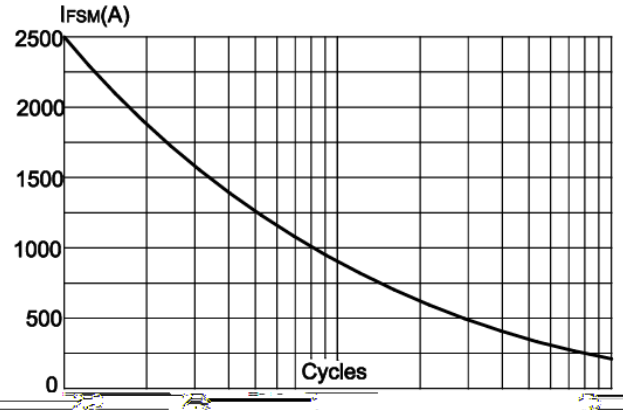


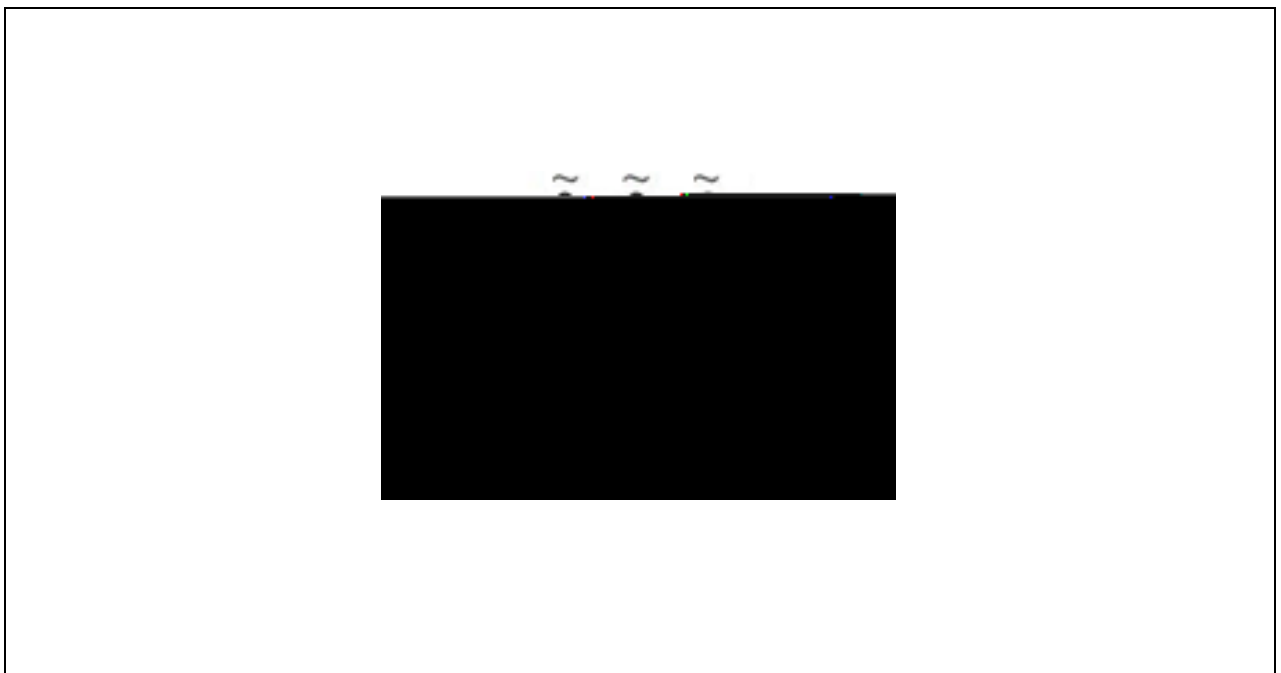
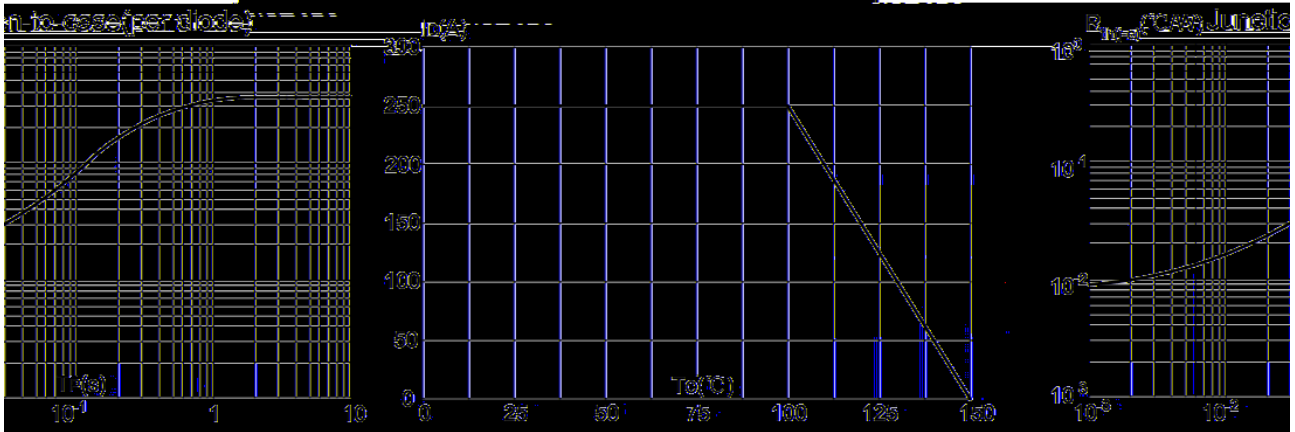
FIG.2: Peak on-state surge current

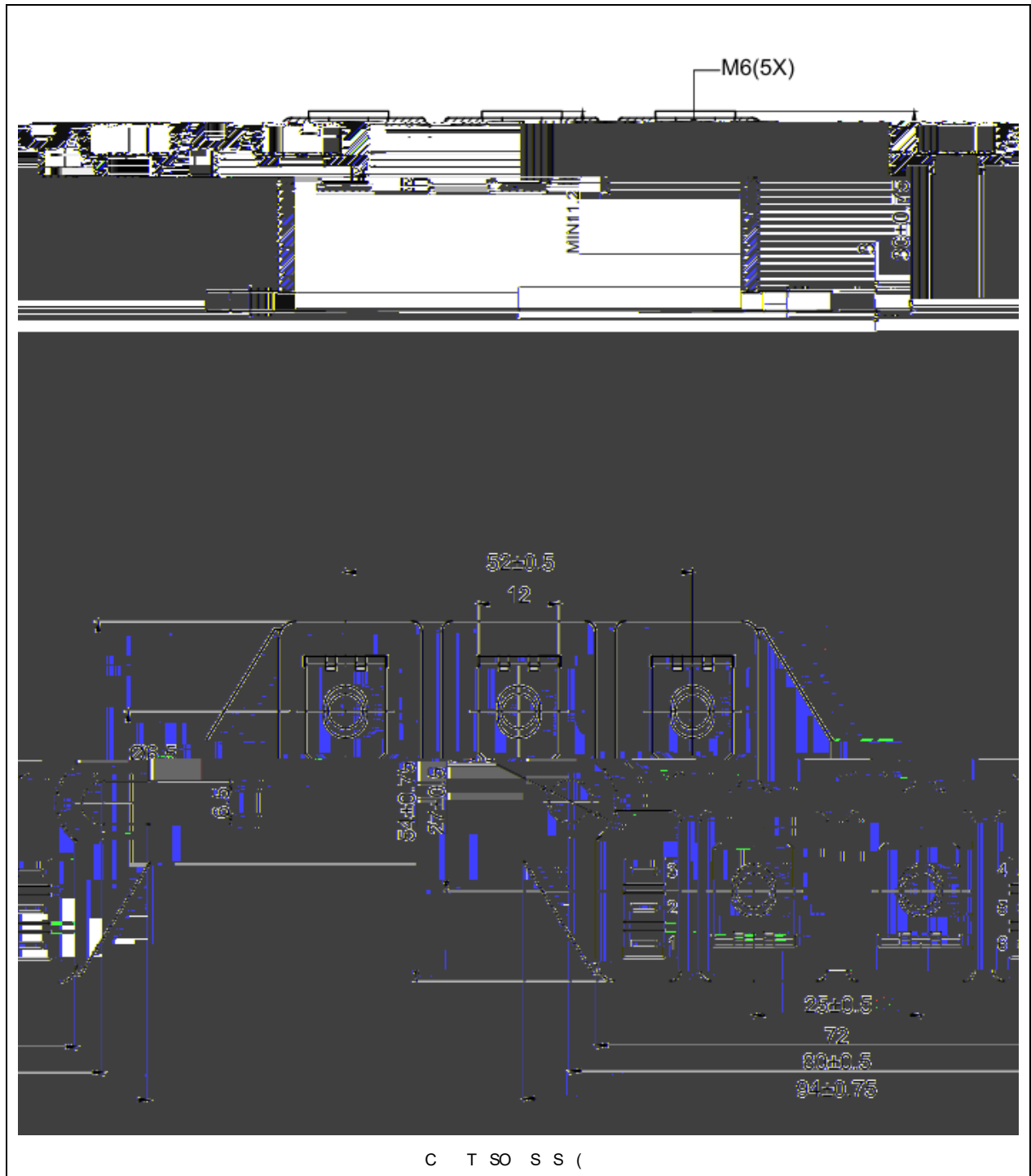


Thermal impedance

FIG.3: Forward current vs. case temperature

FIG.4: Maximum transient thermal impedance







7T O T VSR V R Q S PS S SR PS QQ OS OR S QPS 6 S S
8OU 8S8SAS Q R Q 1 : RO S S P T VSQ S S QS T S
V Q RSO T QV T O SPS R BV T O V R Q S
PSQ QMO US V QS VOR UV 8OU 8S8S T Q
V VS S SR O U SR QSS S RQ OR T O RSR V
R Q S VOS T US S T OS 8OU 8S8SO S S P T O
T US S T VS UV TVR O S VQV O S T VS S T QV RQ OR
T O BV RQ S VS O SSO S ROSR 8 BV RQ S
S SRS ORS S QS O T O S SR
M SU SSR ORS O T8OU 8S8SAS Q R Q 1 : 8OU 8S8S
AS Q R Q 1 : R / UV S S SR