8 R MP MSQM P QM MSQO Q

8 UP OM OQ MO MSQ

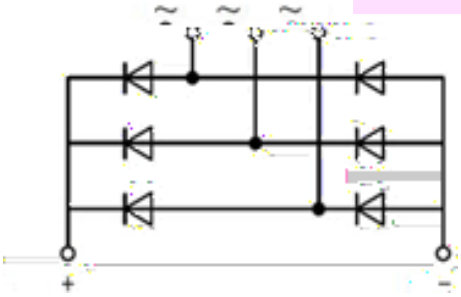
4 UST SQO Q OM MNUU

B		B
5_0 , @) ℃		-
5_2 ,)		-
B_2 M		B

2 UQP R 0 /

8 UQ QOURQ R M U UQP - / O Q

: O MNQ QOURQ R - / 0 / O Q Q



, @) / Q TQ UQ QOURQP

Q QUUQ QM Q Q Q MSQ	@v) /	B		B
: Q QUUQ QM Q Q Q MSQ	@v) /	B		B
- QMSQR MPO Q	@) /	5_0		-
2 MP SQO Q	O OQ UQ M Q 4 @v)	5_2		-
5 M QR R US		5		-
U MU MSQ	- / 4 U	B_5		B
6 OU Q QM Q M SQ		@v		
MSQ Q QM Q M SQ		@s		

, @) / Q TQ UQ QOBRQP

QM R MP MSQ	5) -)	B2				B
Q Q Q QM MSQ O Q	B) B @v)	5				-
	B) B @v)					-
@T Q T P MSQ	@v) R Q QMO MU	B@				B
0 M UD Q U M OQ		@				

, @) / Q TQ UQ QOBRQP

@TQ M Q U M OQ V OU OM Q	Q PUPQ	TVO				7
@TQ M Q U M OQ OM Q TQM U	Q P Q	TO				7
US Q	P QM P TQM U RUQP Q					:
	1 QO PQ Q UM OQ					:

FIG.1: Forward characteristics(per diode)

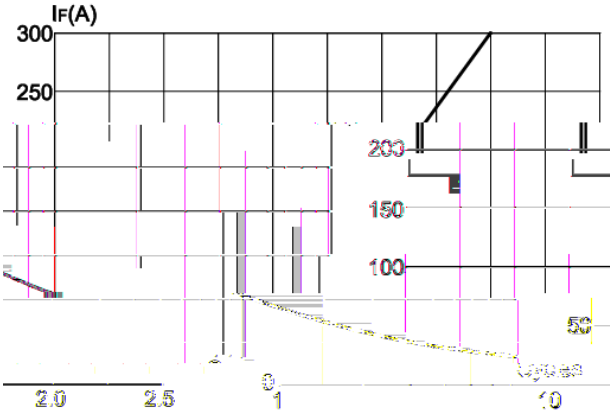
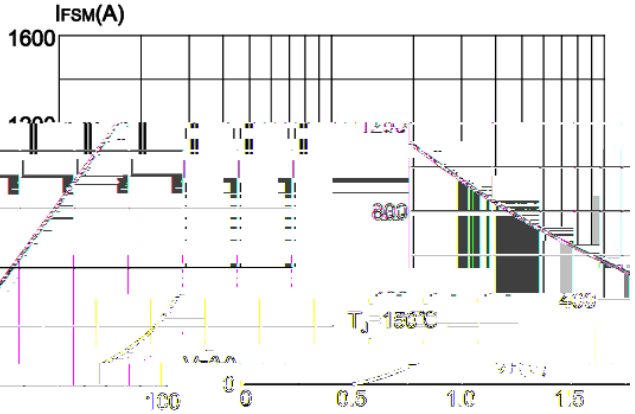


FIG.2: Peak on-state surge current



e temperature

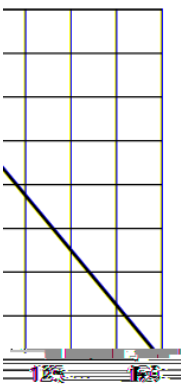


FIG.4: Maximum transient thermal impedance Junction-to-case(per diode)

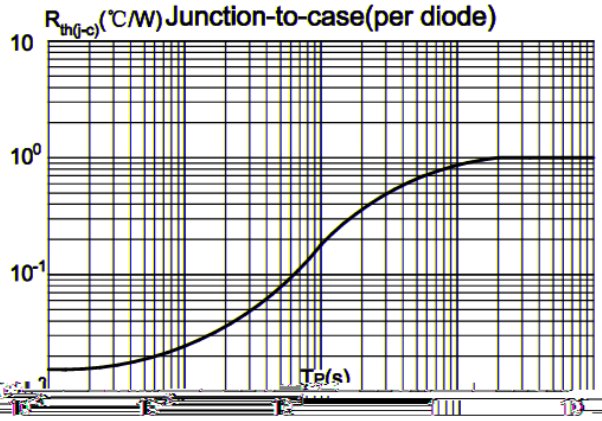
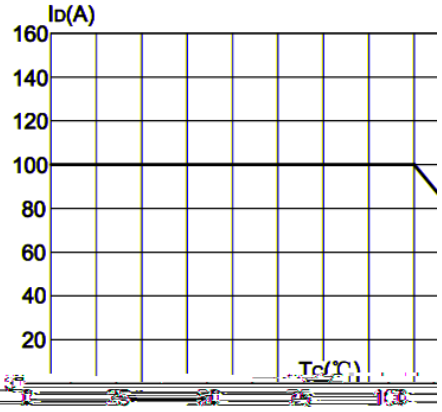
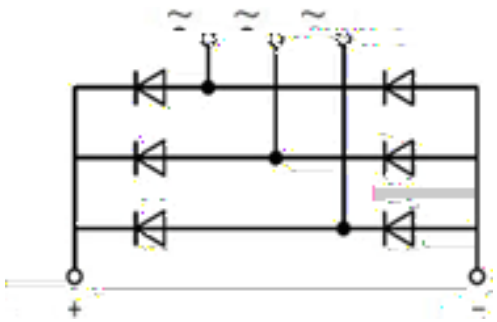
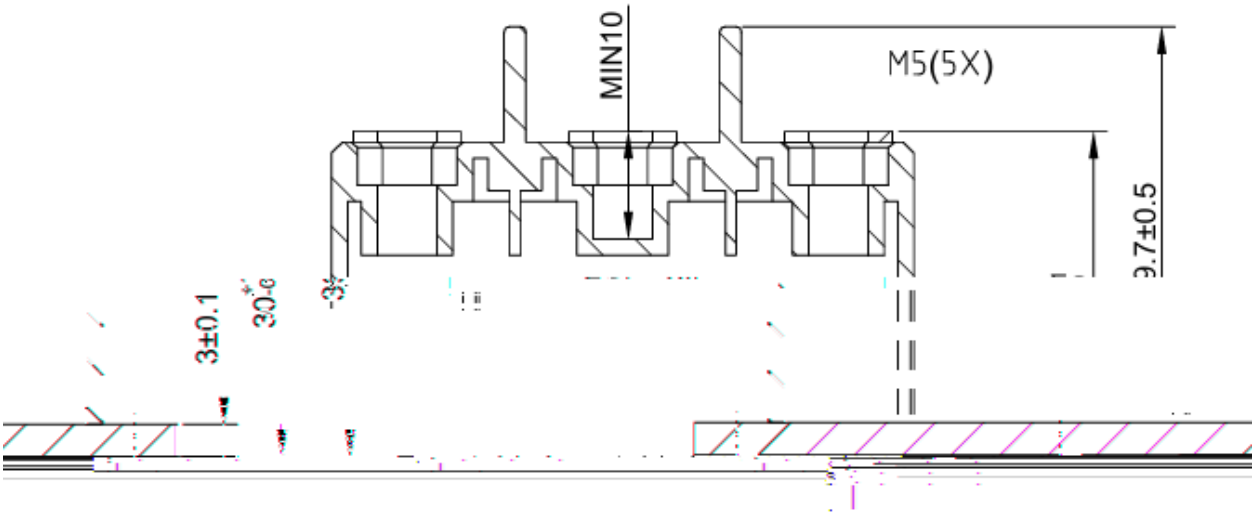
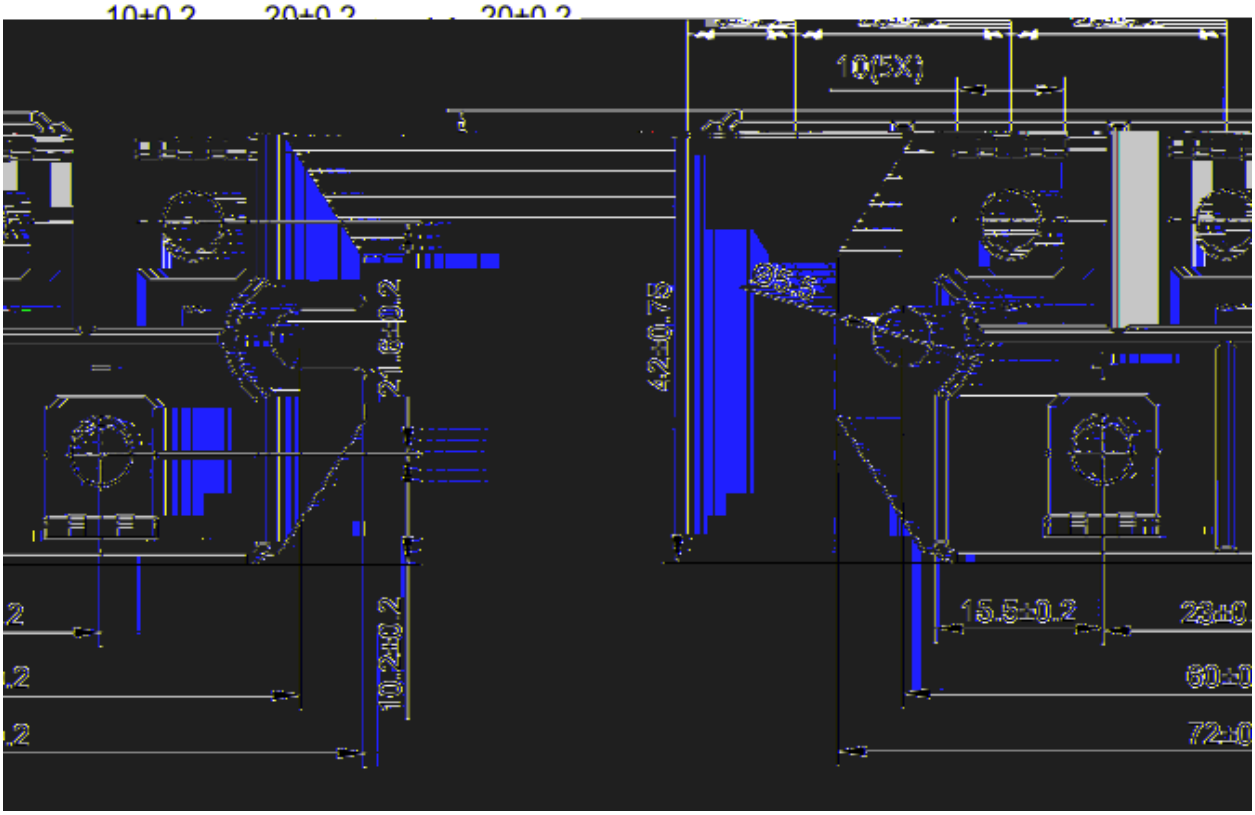


FIG.3: Forward current vs. case









A U R QM Q Q

5R MU R UTQP U TU P O Q U NQLQ QP NQ MQO MQ M P QLWNQ 4 Q Q
6LWM S 6LQ6LQ Q LQ P O / 8 P M Q Q LWLU R TQO Q Q QQ R Q
UT O LPQ MU R OT UR MU QNQ P U @TU UR MU U TU P O Q
U NWQQO OTM SQ UT U LQQ: UT M PUS TU 6LWM S 6LQ6LQ U R O
UT TQ Q UQP U M LS QP MS QQ Q P O M P UR MU LPQP U TU
P O Q TM Q URUSQ Q R MQ 6LWM S 6LQ6LQ M Q Q LWLU R M
URUSQ Q R TQ LST R TUP M LQ TLQT M Q R TQ Q R QT P O M P
UR MU @TU P O Q U TQ U ULWM QQM Q PMQP 6 @TU P O Q
Q QPQ M P Q MQQ M UR MU Q U LQP

U QSU Q QP MPQ M R6LWM S 6LQ6LQ Q LQ P O / 8 6LWM S 6LQ6LQ
Q LQ P O / 8 P - LST Q Q QP