



3V W HK VSHNL HUK \$HRLNL J LU

3V RK J HUJL HJRLNL

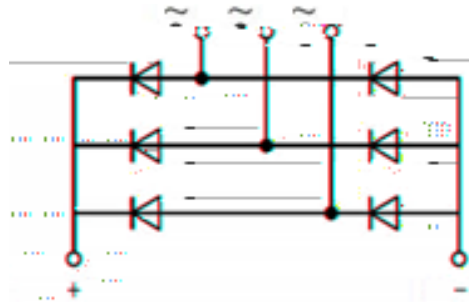
/ RNO NL J LU JH HIRP

= 4		=
0		(
0: 4 7 T		(
= 4 H		=

-R\$ SW + TVV

3PL LJRL W HUP VPLK(TVV JVV VS

5VJVV VSH \$ LJRL W (+ JVV L L



US VOL PL LJRLK

L L PPL LHR L L L VSHNL		= 4		=
5VJ L L PPL LHR L L L VSHNL		= : 4		=
6 J LU	°C	0		(
-V HK NLJ LU	J JS : RL HL / q °C	0: 4		(
0 HSLW M RN		0		(
4: PVSIRU VSHNL	(/ TRJ	= 0 6		=
1 WPU LT LH L HUNL		1		
: VSHNL LT LH L HUNL		N		°C



US VQ PL LJK						
-V HK VSHL	0 (Q °C	=.				=
L L L \$HNL J LU	= = 4 Q °C	0 4				T(
	= = 4 Q °C					T(
OL OV\$ VSHL	-V V L \$ JHS \$IRU VUS Q °C	= 6				=
+ UHTP L P HUL						T

US VQ PL LJK						
QL THST LK	V					

FIG.1: Forward characteristics(per diode)

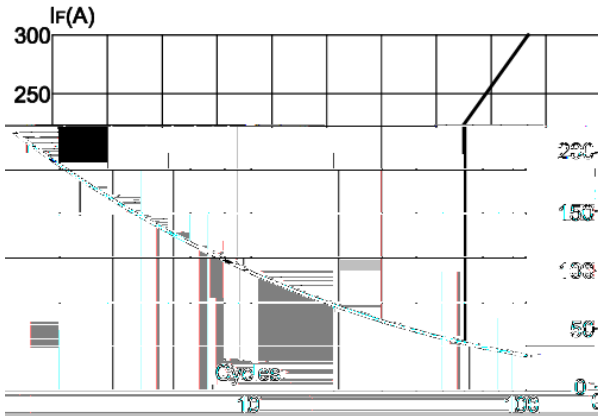


FIG.2: Peak on-state surge current

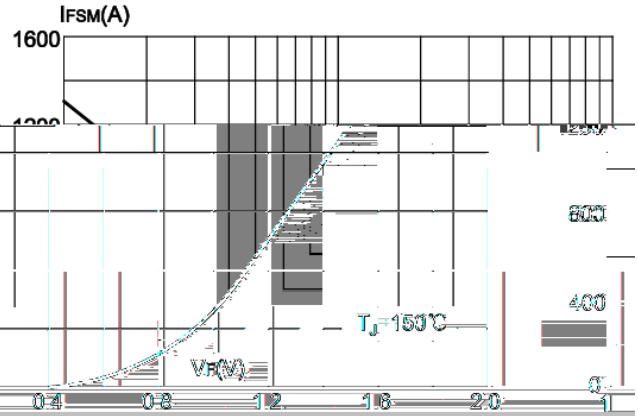


FIG.4: Maximum transient thermal impedance
(function to case(per diode))

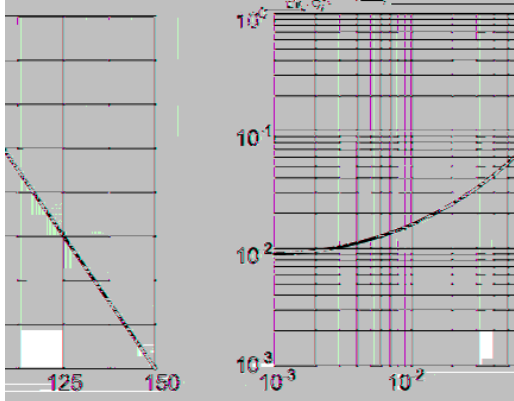
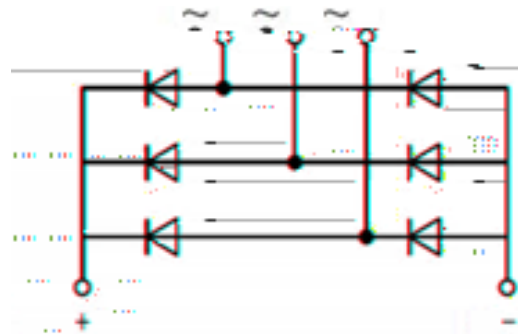
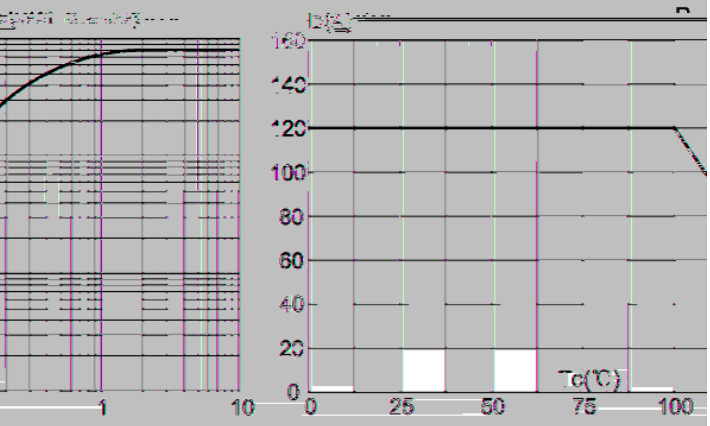
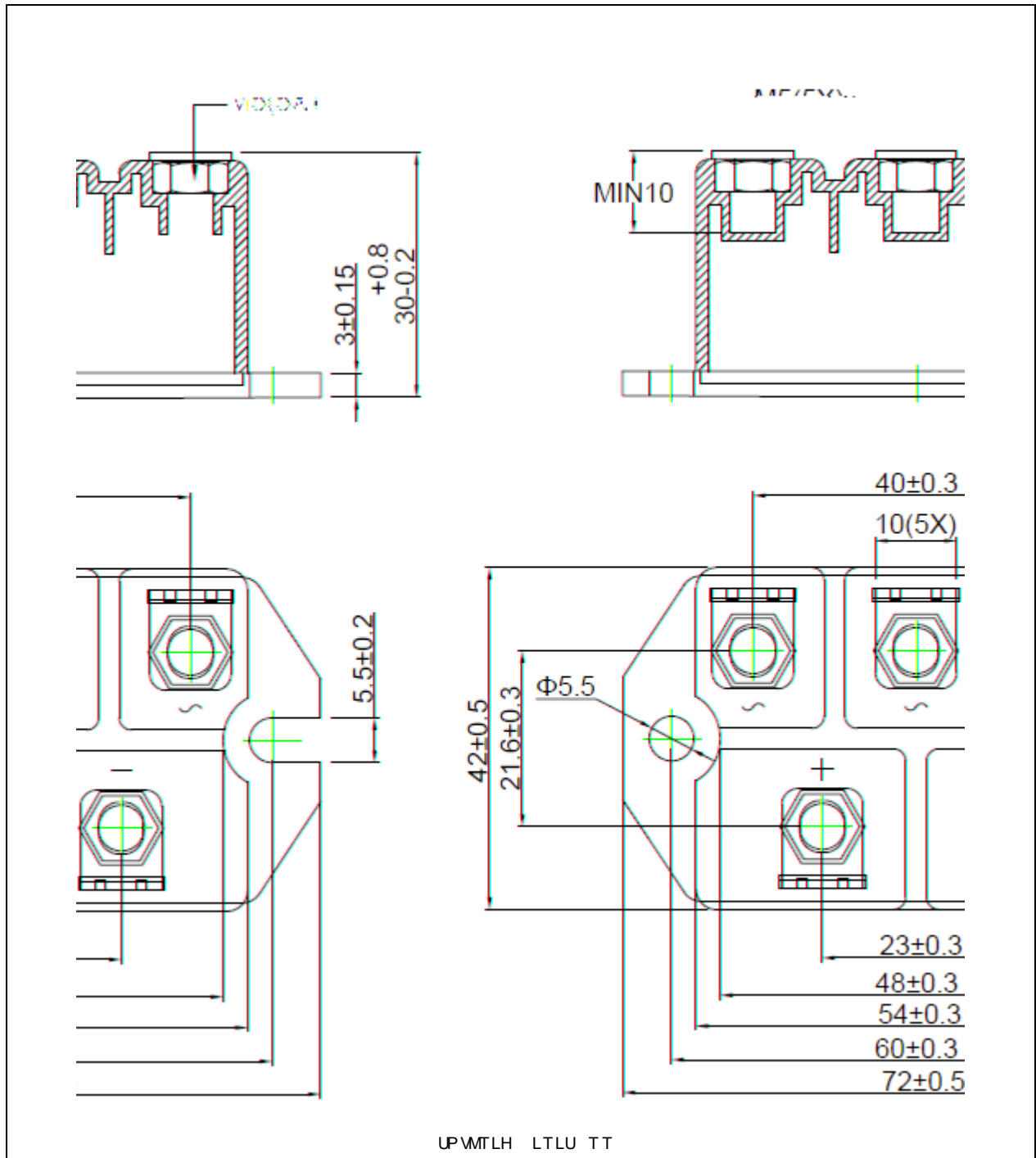


FIG.3: Forward current vs. case temperature







QWTHRU M UPQK RJ OP KVJ TLU P IL\$ LK VIL HJJ HL HUK L\$H \$ / V L L
1PUN 1R1R: LTRVUK JV V 3KH TL UV L VU P\$ W Q JVUL LWL VM L
POV JVU RL HRUW JORWTHRUUV LIL VUKP OP RWTHRU RJ OP KVJ TLU
P IQJ VJCHUNL POV R/ UVR L 5V PO HUKRN OP 1PUN 1R1R SMS JVT S
PO Q LT V \$LK RH RULK HNLTLU 7 VK J HUK RWTHRU V RLK RJ OP
KVJ TLU QH L UVRMPNLTLU MHLU 1PUN 1R1R H TL UV L VU P\$ W HU
RMPNLTLU WM/Q RNO MOPK H R OJOTH L SMVT Q L VM JO VK J HUK
RWTHRU OP KVJ TLU P Q RPPS L\$HL KHLK 1 S OP KVJ TLU
L LKL HUK L \$UL H\$RWTHRU L R/ S \$K
M P LNPL LK HKLTHRW1PUN 1R1R: LTRVUK JV V 3 1PUN 1R1R
: LTRVUK JV V 3K (\$RNO L L LK