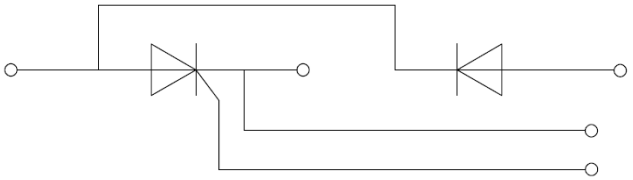
B f lca ihcaol mchqcbdhnal n M=L h
ic dh mchaf j ea
Bcabrb lg f ih o npccs = dhmofmchil r ff hn
b n cmmj mch
P oog mif lchan bhifiasil hb h l fc dccs

P_{LLG}	+0	P
$_{N\ P}$: N= 7 2/ ℃	++	
$_{NMG}$: n_J 7 + g m	, , /	
P_N G r	+(2	P

B mcha ihrlif
Fcabn ihrlifmsmmg
= ginil





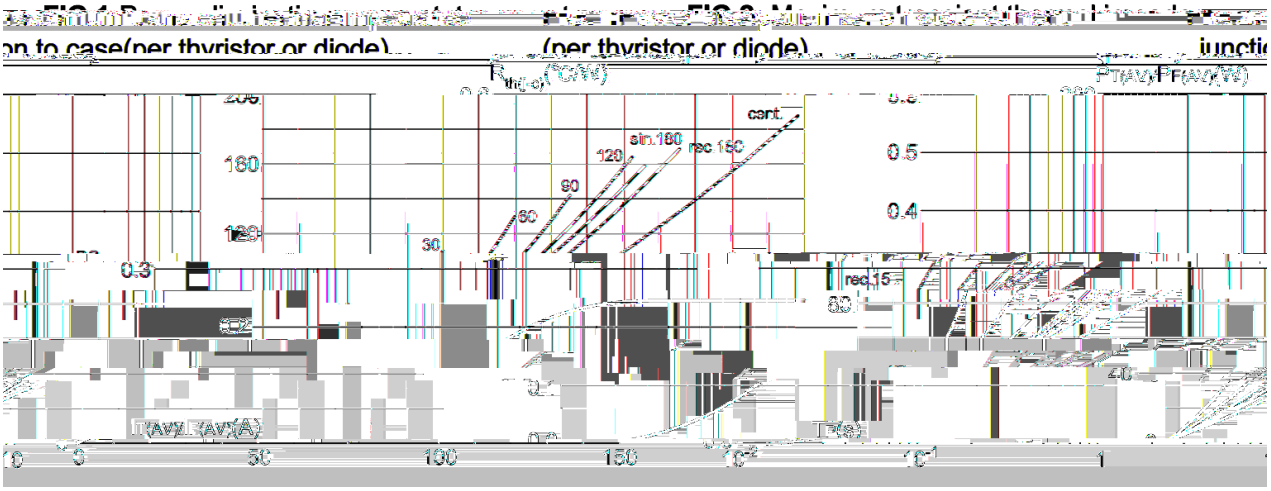
: N= 7 , / = ohf mmmirb lqcm mj cc

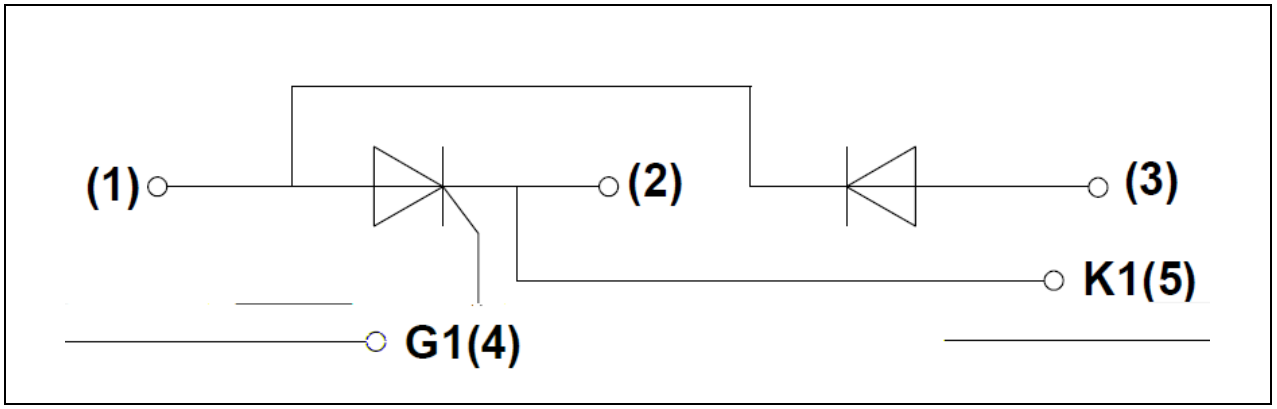
L j mcmp j ei mmn pifha	Npd7 , / =	P $_{LG}$	+0	P
L j mcmp j el p lm pifha	Npd7 , / =	P_{LLG}	+0	P
Hi h l j mcmp j ei mmn pifha	Npd7 , / =	P $_{MG}$	+1	P
Hi h l j mcmp j el p lm pifha	Npd7 , / =	P_{LMG}	+1	P
p l a ilq l oll hn	N= 7 2/ =	$_{N\ P}$	++	
@lq l mola oll hn	+), s f Mdh q p / Bt Npd7 , / ℃	$_{NMG}$	, , /	
·np fo il omcha		·n	, / - +	·m
=lccc fl n i lcm i ih mmn oll hn	$_{A}$7, $_{AN}$	ç) n	+/	) m
LGM cmif mchpifha	(= / Bt +m)+g dh	P_{M}	-0)-	P
Doh mchn g j l mol l ha		N_D	. x +, /	℃
Mhi l a n g j l mol l ha		N_{mma}	. x +, /	℃

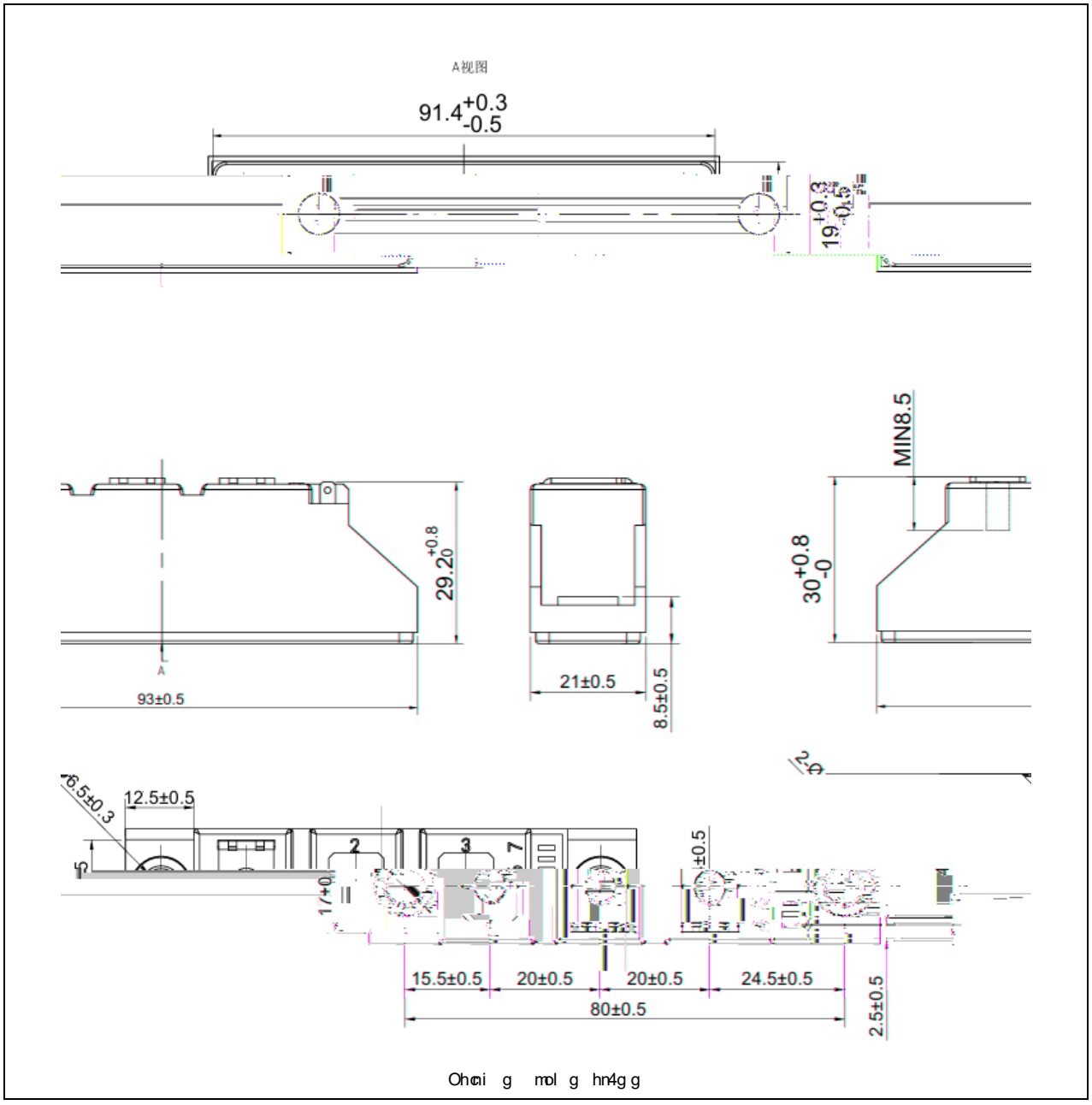
: N= 7 , / = ohf mmmi rb lq cn mj cc

J e i l q l p i f h a	N 7 - - n 7 - 2 m	P N			+ (2	P
L j m c p j e i m m n o l l h n	P 7 P L G N p d 7 , / ℃	L G			+	
	P 7 P L G N p d 7 + , / ℃				.	g
L p l m f e a o l l h n	P L 7 P L L G N p d 7 , / ℃	L L G			+	
	P L 7 P L L G N p d 7 + , / ℃				.	g
N b l m b i f p i f h a	@ l j i q l f i m m f o f m c h i h f s N p d 7 + , / ℃	P N I			(2 2	P
s h g c l m c m m h	N p d 7 + , / ℃	I N			, (.	g
N l c a a l c h a a n o l l h n	P 7 + , P L F 7 -	A N	,		+ ,	g

DGN++ EB+0N+	DGN++ EB+0N+	N+	+ /a)J=M	+ J=M	+, J=M







Ohcmi g mol g hn4g g

hilg nich olhcmb dh rbcm i og hn cm fc p ni ol n h l fc f (Bi q p l Dc ham o Dc Dc M g c i h o ni l = i (Fn mmog mhi l mj i hmc dfcs i l rb ihm k o h mi om q cbi on i hmc l nich i l mo b dh i l g nich hi l om si h cn(Nbcmdh i l g nich dh rbcm i og hn cmmo d nni b ha q cbi on j l cl hi nc (Hi nq cbmm h dh ar bcm Dc ham o Dc Dc q df offs i g j fs q cb rb n l g mi onfdh dh mcah al g hn(Jli o mm h dh i l g nich j l i pc dh rbcm i og hn b p hi dh l dh a g hni j n hm(Dc ham o Dc Dc mmog mhi l mj i hmc dfcs i l hs dh l dh a g hni i rb l l cabmmi rbd j l nc mq bc b g s l mofn l i g rb om i mo b j li o mm h dh i l g nich(Nbcm i og hn cm rb dhccc f l f m n +. oaomm , , 0(Nbcm i og hn