



ni rb lq cn mj cc

|    |           |            |
|----|-----------|------------|
|    |           |            |
|    | $P_{LG}$  | +0         |
|    | $P_{LLG}$ | +0         |
|    | $P_{MG}$  | +1         |
|    | $P_{LMG}$ | +1         |
|    | $N_P$     | ,          |
| Bt | NMG       | /.         |
|    | $\cdot n$ | $\pm. / 2$ |
|    | $\phi n$  | +/-        |
|    | $P_M$     | -0 )-      |
|    | $N_D$     | . x +, /   |
|    | $N_{ma}$  | . x +, /   |

$$J a + i /$$



:  $N=7$ , / = ohf mmi rb lq en nj cc

| J e i l q l p i f n a           | $n70 \quad n7-2 \quad m$                                                                    | $P_N$        |        |  | $+(2$   | $P$          |
|---------------------------------|---------------------------------------------------------------------------------------------|--------------|--------|--|---------|--------------|
| L j n p j e i m n o l l h n     | $P \quad 7 P_{LG} \quad N_{pd} 7, / ^\circ C$                                               | $LG$         |        |  | $+$     |              |
|                                 | $P \quad 7 P_{LG} \quad N_{pd} 7 +, / ^\circ C$                                             |              |        |  | $0$     | $g$          |
| L p l m f e a o l l h n         | $P_L \quad 7 P_{LLG} \quad N_{pd} 7, / ^\circ C$                                            | $LLG$        |        |  | $+$     |              |
|                                 | $P_L \quad 7 P_{LLG} \quad N_{pd} 7 +, / ^\circ C$                                          |              |        |  | $0$     | $g$          |
| Nbl nbi f pi f n a              | @ l j i q l f i m m f o f n h<br>i h f s $N_{pd} 7 +, / ^\circ C$                           | $P_{NI}$     |        |  | $(21$   | $P$          |
| sh g c l m m h                  | $N_{pd} 7 +, / ^\circ C$                                                                    | $I_N$        |        |  | $+(- /$ | $g$          |
| Nl a l a a n o l l h n          | $P \quad 7 +, P_{LF} 7 -$                                                                   | $AN$         | $,$    |  | $+$ ,   | $g$          |
| Bi f a o l l h n                | $n7 +$                                                                                      | $B$          |        |  | $, /$   | $g$          |
| F n b a o l l h n               | $A7 + (, \quad AN$                                                                          | $F$          |        |  | $-$     | $g$          |
| = l e f l n i l e n i p i f n a | $P \quad 7, ) - P_{LG} \quad N_{pd} 7 +, / ^\circ C$<br>$A \quad n \quad l \quad j \quad h$ | $p) \quad n$ | $+$    |  |         | $P) \quad m$ |
| Nl a l a a n p i f n a          | $P \quad 7 +, P_{LF} 7 -$                                                                   | $P_{AN}$     |        |  | $+(2$   | $P$          |
| Hi h l a l a a n p i f n a      | $P \quad 7 \quad (/ P_{LG} \quad N_{pd} 7 +, / ^\circ C$                                    | $P_A$        | $(, /$ |  |         | $P$          |

:  $N=7$ , / = ohf mmi rb lq en nj cc

| Nb l g f l m m h<br>d h n h r i m | j l N b s l e m i l             | $L_{rd}$         |                | $(+ -$      |          | $E)Q$       |
|-----------------------------------|---------------------------------|------------------|----------------|-------------|----------|-------------|
| Nb l g f l m m h<br>m r i b m e   | j l g i o f                     | $L_{rb \quad m}$ |                | $( \quad 2$ |          | $E)Q$       |
| Gi o h n a r i l k o              | Gi o f h b m e c<br>n l k o G / | $G$              | $. \quad (, /$ |             | $/ (1 /$ | $H \quad g$ |
|                                   | f r i i h h n h r i l k o<br>G0 |                  | $. \quad (, /$ |             | $/ (1 /$ | $H \quad g$ |



|             |             |    |            |       |        |
|-------------|-------------|----|------------|-------|--------|
|             |             |    |            |       |        |
| DGN, EN+0N, | DGN, EN+0N, | N, | +1 + a)J=M | 0 J=M | 1, J=M |

FIG. 1: Power dissipation vs. on-state current

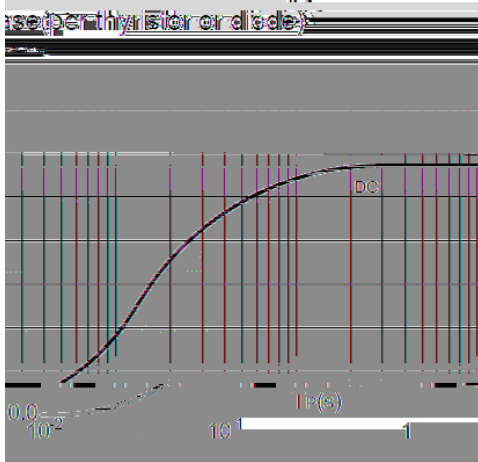


FIG. 2: Maximum transient thermal impedance

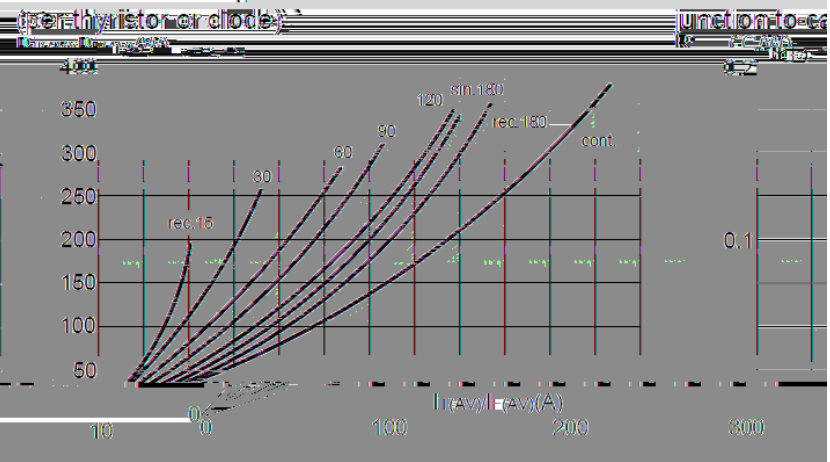


FIG. 3: Forward characteristics

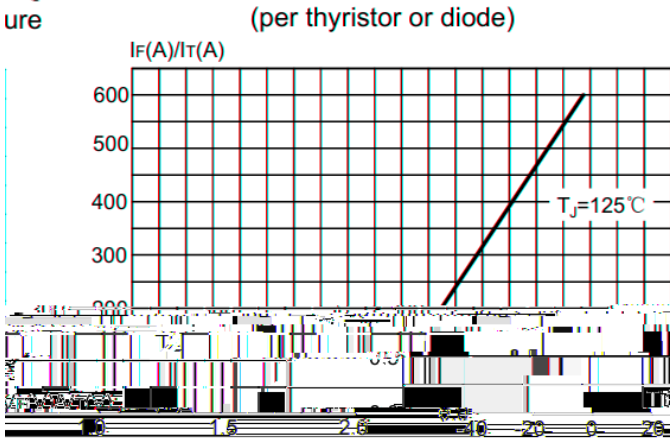


FIG. 4: Relative variations of holding current and latching current versus junction temperature

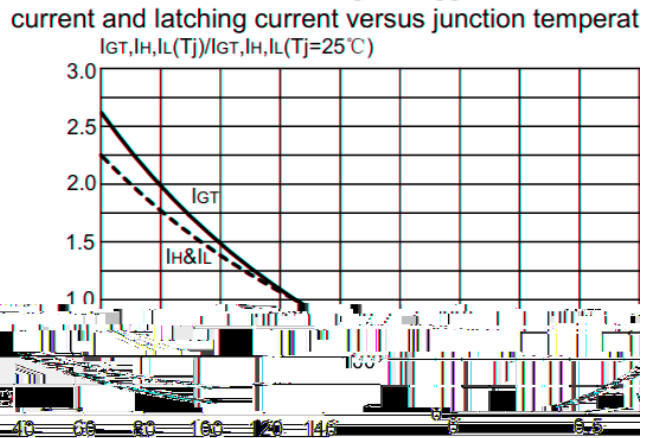


FIG. 5: Gate trigger characteristics

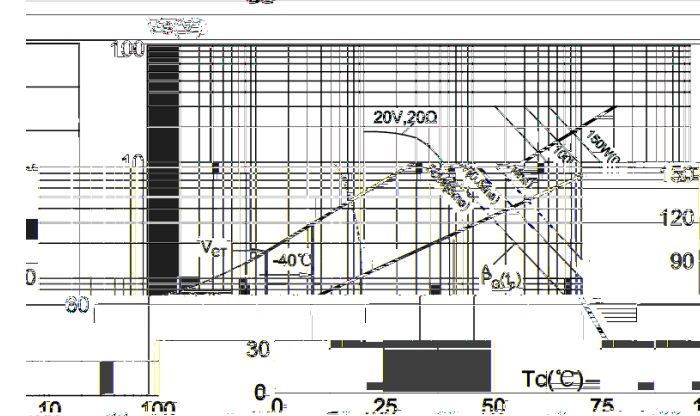
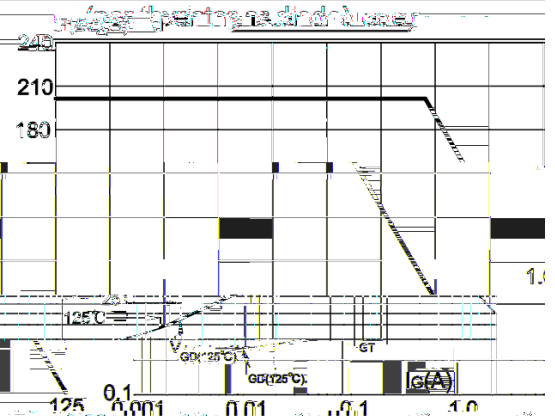
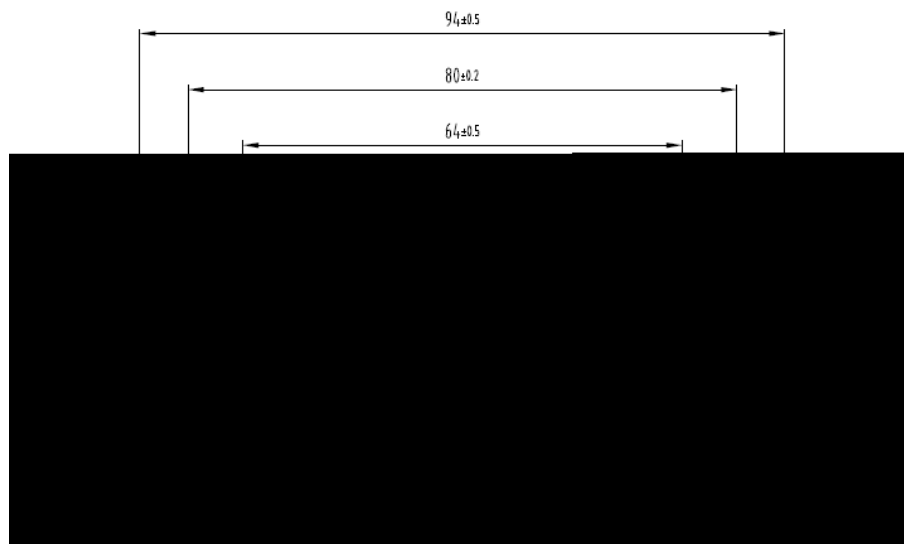
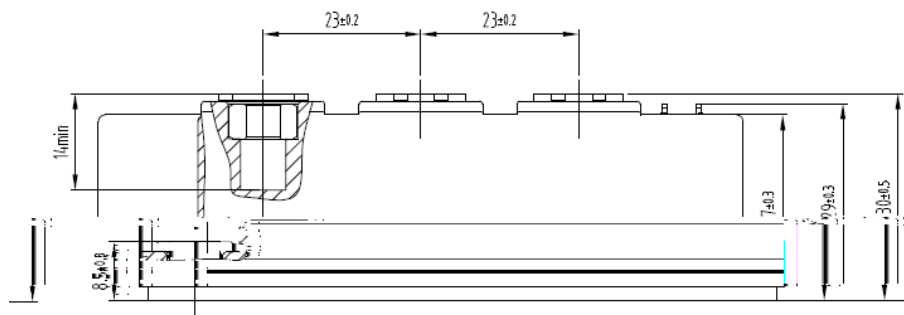
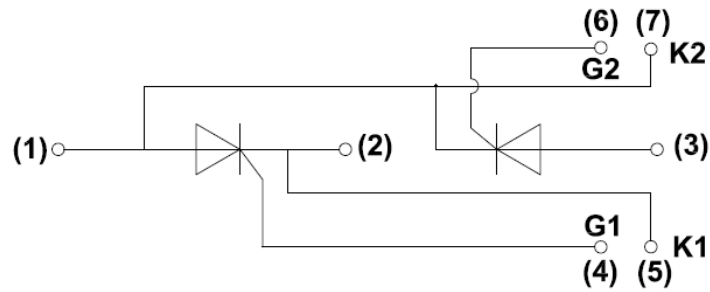


FIG. 6: Forward current vs. case temperature





Ohni g mól g hn4g g



hilg nēh olhēb dērbēn i og hnēn fēp nī ol n h l fē f ( B i q p l  
Dc hamo Dc Dc M g c i h o n i l = i ( F n m r o g m h i l m j i h m c d e s i l r b i h m k o h m i o m  
q e b i o n i h m c l nē h i l m o b d i l g nē h h i l o m s i h e ( N b e n d i l g nē h d e r b e n i o g h n  
e n r o d n n i b h a q e b i o n j l e l h i r c ( H i r q e b m h d a r b e n Dc hamo Dc Dc q d f f o f s i g j f s  
q e b r b n l g m i o n f e d n m a h a l g h r ( J l i o m m h d i l g nē h j l i p c d e r b e n  
i o g h n b p h i d l d a g h n i j n h m ( Dc hamo Dc Dc m r o g m h i l m j i h m c d e s i l h s  
d l d a g h n i i r b l l e b m i r b e j l r c m q b c b g s l m o f n l i g r b o m i m o b j l i o m m h  
d i l g nē h ( N b e n i o g h n e n r b d e c f l f m n + 1 o a o m m , , 0 ( N b e n i o g h n  
m o j l m m h l j f m f f d i l g nē h j l p e o n f s m o j j f e (

 e n l a e m l r l g l e i Dc hamo Dc Dc M g c i h o n i l = i ( F n , , 0 Dc hamo Dc Dc  
M g c i h o n i l = i ( F n ( f f l e b m l m l p (