



|       |   |    |
|-------|---|----|
| $V_p$ | 4 | kV |
|-------|---|----|

ELECTRICAL CHARACTERISTICS

| Symbol | Test Condition                                       | Quadrant | Value | Unit       |
|--------|--|----------|-------|------------|
| $I_G$  | $V_D = 0$<br>$R_L = 3k\Omega$                        | - -      | 0     | mA         |
|        |  |          | 0     |            |
| $V_G$  |  | A        | 1     | V          |
| $V_D$  | $V_D = 5V$<br>$R_L = 3k\Omega$<br>$T_j = 25^\circ C$ | A        | 0     | V          |
| $I_L$  | $I_G = 2I_G$   | - -      | 0     | mA         |
|        |  |          | 0     |            |
| $I_H$  | $I_T = 5mA$  |          | 0     | mA         |
| $t_r$  | $V_D = 0V$<br>$V_G = 5V$<br>$T_j = 25^\circ C$       |          | 0     | V/ $\mu s$ |
| $t_f$  | $V_G = 5V$<br>$V_D = 0V$<br>$T_j = 25^\circ C$       |          | 5     | V/ $\mu s$ |
| $t_b$  | $I_G = 8mA$<br>$I_A = 4mA$<br>$I_R = 4mA$            | TP       | 5     | $\mu s$    |
| $t_c$  | $T_j = 25^\circ C$                                   |          | 0     |            |

STATIC CHARACTERISTICS

| Symbol   | Parameter  | Value(MAX.)        | Unit |         |
|----------|--|--------------------|------|---------|
| $V_{IM}$ | $I_{IM} = 10\mu A$<br>$p = 0$<br>$\mu s$<br>$T_j = 25^\circ C$ | 1.5                | V    |         |
| $V_D$    | $T_j = 25^\circ C$   | 0                  | V    |         |
| $R_D$    | $T_j = 25^\circ C$   | 5                  | m    |         |
| $I_{IM}$ | $V_D = 5V$<br>$V_{RM} = 5V$<br>$R_{RM}$                        | $T_j = 25^\circ C$ | 5    | $\mu A$ |
| $I_{RM}$ |  | $T_j = 25^\circ C$ | 0    | mA      |

THERMAL RESISTANCES

| Symbol           | Parameter                  | Value | Unit |
|------------------|----------------------------|-------|------|
| $R_{\theta j-c}$ | $\mu s$                    | 2     | $W$  |
| $R_{\theta j-a}$ | $\mu s$<br>$in$<br>$\mu s$ | 0     | $W$  |







ORDERING INFORMATION

| Order code   | Voltage<br>V <sub>DRM</sub> /V <sub>RRM</sub> (V) | IGT(mA) |     | Package | Base qty.<br>(pcs) | Delivery mode |
|--------------|---|---------|-----|---------|--------------------|---------------|
|              |   | -       | -   |         |                    |               |
| JST137C-800G | 800   | 50      | 100 | TO-220C | 50                 | Tube          |

Document Revision History

| Rev | Change | Reason |
|-----|--------|--------|
| A   | .14,0  | 甲      |
| C   | A 1.1  | Re 甲 甲 |



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