



JST30E-800CW 30A TRIAC

Rev.A.1.1

DESCRIPTION:

The JST30E-800CW triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in li8.7(o)10 (per)75i()10 (f)2 (unc)4 (t)7.19999 ION2 (()

| | | | |
|--|----------|-----|---------|
| Peak pulse voltage ($T_j=25$; non-repetitive, off-state; FIG.8) | V_{pp} | 2.5 | kV /Pag |
|--|----------|-----|---------|

ELECTRICAL CHARACTERISTICS ($T_j=25$ unless otherwise specified)

| Symbol | Test Condi /Pagti | Qdrant | Value | Uni |
|----------|-------------------|--------|-------|-----|
| I_{GT} | $V_D=12V R_L=33$ | | MAY | OF |

JST30E-800CW

FIG.1: Maxi 79772 cLtd.

FIG.7: Relative variations of gate trigger current, holding current and latching current versus junction temperature



FIG.8: Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



Information furnished in this document is believed to be accurate and reliable. However,
Jiangsu JieJie Microelectronics Co., Ltd. (H) ab (o.f 7 (oni)6 (c)Tw 0.TJ 0u i)6 (s0.TJ 0 nur)7 (bl