# T132U-600D 0.5A TRIAC

Rev.A.2.1

## CRIPTION:

JST132U-600D triac is suitable for general purpose
switching. It can be used as an ON/OFF function
pplications such as heating regulation, induction
or starting circuits, for phase control operation in
dimmers, motor speed controllers.
kage TO-92 is RoHS compliant.

## IN FEATURES

## ABSOLUTE MAXIMUM RATINGS

| Parameter | Symbol | Value | Unit |
|---|---|---|---|
| Storage junction temperature range | $T_{stg}$ | -40-150 | |
| Operating junction temperature range | $T_j$ | -40-125 | |
| Repetitive peak off-state voltage ($T_j$=25 to 125 °C) | $V_{DRM}$ | 600 | V |

# JST132U-600D

## ORDERING INFORMATION

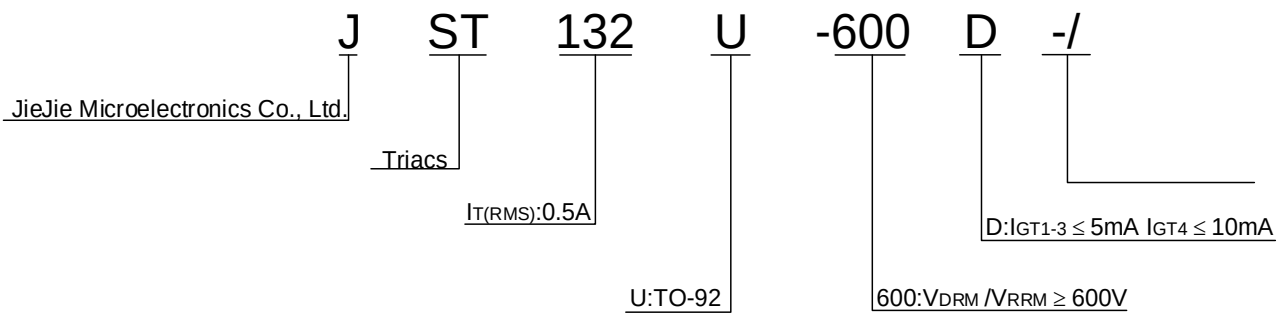
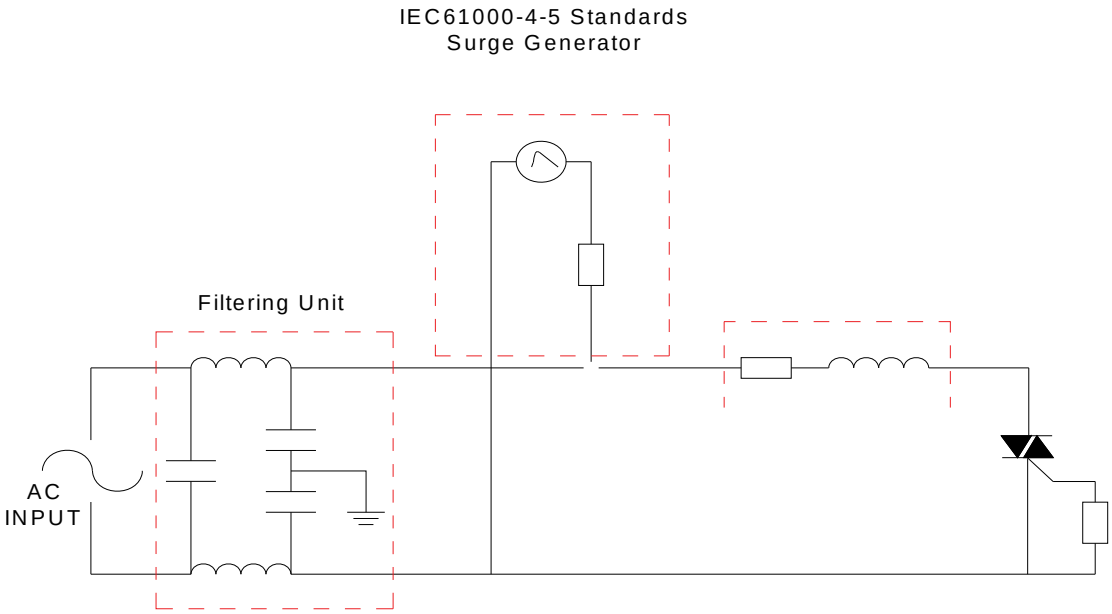
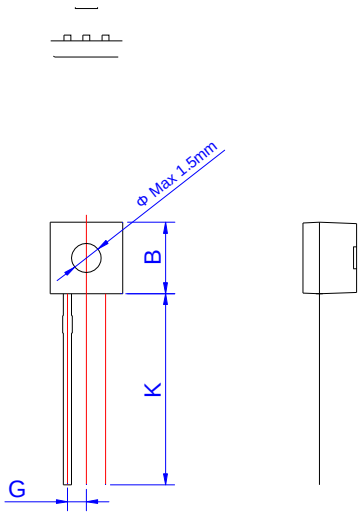


FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards

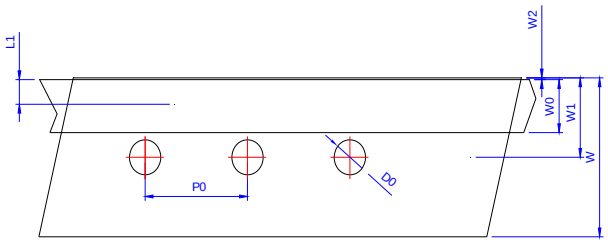


## PACKAGE MECHANICAL DATA



## DELIVERY MODE

| PACKAGE | OUTLINE | BAG (PCS) | INNER BOX (PCS) | CARTON BOX (PCS) |
|---|---|---|---|---|
| TO-92 | Bulk Pack | 1,000 | 10,000 | 50,000 |




| Ref. | Dimensions | | | | | |
|---|---|---|---|---|---|---|
| | Millimeters | | | Inches | | |
| | Min. | Typ. | Max. | Min. | Typ. | Max. |
| P | 12.40 | 12.70 | 13.00 | 0.488 | 0.500 | 0.512 |
| P0 | 12.40 | 12.70 | 13.00 | 0.488 | 0.500 | 0.512 |
| P1 | 3.55 | 3.85 | 4.15 | 0.140 | 0.152 | 0.163 |
| P2 | 5.95 | 6.35 | 6.75 | 0.233 | 0.250 | 0.265 |
| P | -1.00 | 0 | 1.00 | -0.039 | 0 | 0.039 |
| F1 F2 | 2.30 | 2.50 | 2.70 | 0.090 | 0.098 | 0.106 |
| F1-F2 | -0.10 | 0 | 0.10 | -0.004 | 0 | 0.004 |
| W | 17.50 | 18.00 | 19.00 | 0.689 | 0.709 | 0.748 |
| W0 | 5.50 | 6.00 | 6.50 | 0.217 | 0.236 | 0.256 |
| W1 | 8.50 | 9.00 | 9.50 | 0.335 | 0.354 | 0.374 |
| W2 | | | 1.00 | | | 0.039 |
| D0 | 3.80 | 4.00 | 4.20 | 0.150 | 0.157 | 0.165 |
| H | -1.00 | 0 | 1.00 | -0.039 | 0 | 0.039 |
| L1 | 2.50 | | | 0.098 | | |
| H | 18.00 | 19.00 | 20.00 | 0.709 | 0.748 | 0.787 |
| H1 H2 | | | 3.00 | | | 0.119 |

Information furnished in this document is believed to be accurate and reliable. However, Jiangsu JieJie Microelectronics Co., Ltd. assumes no responsibility for the consequences of use without consideration for such information nor use beyond it. Information mentioned in this document is subject to change without notice, apart from that when an agreement is signed, Jiangsu JieJie complies with the agreement.
Products and information provided in this document have no infringement of patents. Jiangsu JieJie assumes no responsibility for any infringement of other rights of third parties which may result from the use of such products and information. This document supersedes and replaces all information previously supplied.

is a registered trademark of Jiangsu JieJie Microelectronics Co., Ltd.

Copyright © 2025 Jiangsu JieJie Microelectronics Co., Ltd. All rights reserved.