



|                                                                             |                 |      |    |
|-----------------------------------------------------------------------------|-----------------|------|----|
| Peak pulse voltage<br>(T <sub>j</sub> =25 ; non-repetitive,off-state;FIG.7) | V <sub>pp</sub> | 3.75 | kV |
|-----------------------------------------------------------------------------|-----------------|------|----|

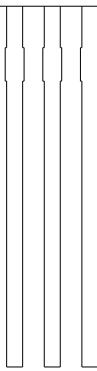
ELECTRICAL CHARACTERISTICS (T<sub>j</sub>=25 unless otherwise specified)

| Symbol          | Test Condition                             | Quadrant | Value |   | Unit |
|-----------------|--------------------------------------------|----------|-------|---|------|
| I <sub>GT</sub> | V <sub>GS</sub> =12V; R <sub>L</sub> =33Ω  | - -      | MAX.  | 5 | mA   |
| V <sub>GT</sub> | V <sub>GS</sub> =12V; I <sub>GT</sub> =3mA | - -      | MAX.  | 1 | V    |

ORDERING INFORMATION

|                                   |   |        |                 |         |                                  |                       |                                      |
|-----------------------------------|---|--------|-----------------|---------|----------------------------------|-----------------------|--------------------------------------|
| AC                                | J | T      | 01              | U       | -1000                            | TW                    | -/                                   |
| AC switch                         |   | Triacs | $I_{T(RMS)}:1A$ | U:TO-92 | 1000: $V_{DRM} / V_{RRM} 11000V$ | TW: $I_{GT}1-3 0.5mA$ | Blank: Bulk Pack<br>-TR: Tape & Reel |
| JieJie Microelectronics Co., Ltd. |   |        |                 |         |                                  |                       |                                      |

MARKING

|                                                                                                                                                                                                                            |                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <div>ACJT01U<br/> 10TW<br/>XXX XXX</div> <div></div> | <div>XXX XXX</div> <div>Year<br/>Month</div> <div>Production Code</div> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|





## ORDERING INFORMATION

| Order code        | Voltage<br>$V_{\text{DRM}}/V_{\text{RRM}}$ (V) | IGT(mA) | Package | Base qty.<br>(pcs) | Delivery<br>mode |
|-------------------|------------------------------------------------|---------|---------|--------------------|------------------|
| ACJT01U-1000TW    | 1000                                           | 5       | TO-92   | 1,000              | Bulk Pack        |
| ACJT01U-1000TW-TR |                                                |         |         | 2,000              | Tape & Reel      |

## Document Revision History

| Date          | Revision | Changes                        |
|---------------|----------|--------------------------------|
| Apr.13, 2023  | A.1.0    | Last updated                   |
| Mar.27, 2025  | A.2.0    | Renew PACKAGE MECHANICAL DATA  |
| Sept.28, 2025 | A.2.1    | Revise PACKAGE MECHANICAL DATA |



DELIVERY MODE

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

|       |         |       |       |
|-------|---------|-------|-------|
| F1-F2 | -01-010 |       |       |
| W     | 17.50   | 18.00 | 19.00 |
| W0    | 5.50    | 6.00  | 6.50  |
| W1    | 8.50    | 9.00  | 9.50  |
| W2    |         |       | 1.00  |
| D0    | 3.80    | 4.00  | 4.20  |
| L1    | -1.00   | 0     | 1.00  |
| L1    | 2.50    |       |       |
| H     | 18.00   | 19.00 | 20.00 |



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