



|                                                                                    |          |     |    |
|------------------------------------------------------------------------------------|----------|-----|----|
| Peak gate power                                                                    | $P_{GM}$ | 10  | W  |
| Peak pulse voltage<br>( $T_j=25^\circ\text{C}$ ; non-repetitive, off-state; FIG.7) | $V_{pp}$ | 2.5 | kV |

## ELECTRICAL CHARACTERISTICS (unless otherwise specified)

| Symbol   | Test Condition     | Quadrant | Value |     | Unit |
|----------|--------------------|----------|-------|-----|------|
| $I_{GT}$ | $V_D=12V$ $R_L=33$ | - -      | MAX.  | 50  | mA   |
| $V_{GT}$ |                    | - -      | MAX.  | 1.3 | V    |

 $V_{GD}$

ORDERING INFORMATION

|                                   |           |                |                  |                               |                      |
|-----------------------------------|-----------|----------------|------------------|-------------------------------|----------------------|
| <u>J</u>                          | <u>ST</u> | <u>30</u>      | <u>A</u>         | <u>-1200</u>                  | <u>BW</u>            |
| JieJie Microelectronics Co., Ltd. | Triacs    | $I_T(RMS):30A$ | $A:TO-220A(Ins)$ |                               | $BW:I_{GT1-3} 050mA$ |
|                                   |           |                |                  | $1200:V_{DRM}/V_{RRM} 11200V$ |                      |

MARKING

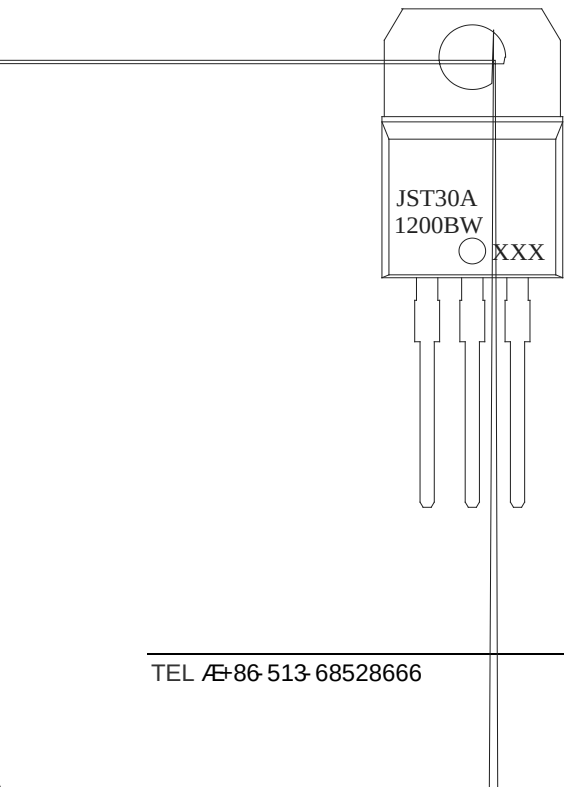




FIG.7

ORDERING INFORMATION

| Order code    | Voltage<br>V <sub>DRM</sub> /V <sub>RRM</sub> (V) | IGT(mA) | Package      | Base qty.<br>(pcs) | Delivery<br>mode |
|---------------|---------------------------------------------------|---------|--------------|--------------------|------------------|
|               |                                                   | - -     |              |                    |                  |
| JST30A-1200BW | 1200                                              | 50      | TO-220A(Ins) | 50                 | Tube             |

Document Revision History

| Date         | Revision | Changes      |
|--------------|----------|--------------|
| Apr.11, 2023 | A.1.0    | Last updated |
| Oct.13, 2025 | A.1.1    | Revise       |



