



JST08A-1200CW 8A TRIAC

Rev.A.1.1

DESCRIPTION:

The JST08A-1200CW

| | | | |
|--------------------------------------------------------------------|----------|----|----|
| Peak gate power | P_{GM} | 10 | W |
| Peak pulse voltage ($T_j=25$; non-repetitive,off-state;FIG.7) | V_{pp} | 2 | kV |

ELECTRICAL CHARACTERISTICS (unless otherwise specified)

| Symbol | Test Condition | Quadrant | Value | | Unit |
|----------|------------------|----------|-------|----|------|
| I_{GT} | $V_D=12V R_L=33$ | - - | MAX. | 35 | mA |
| V_{GT} | | - - | MAX. | 1 | V |
| V_{GD} | | - - | | | |

V V

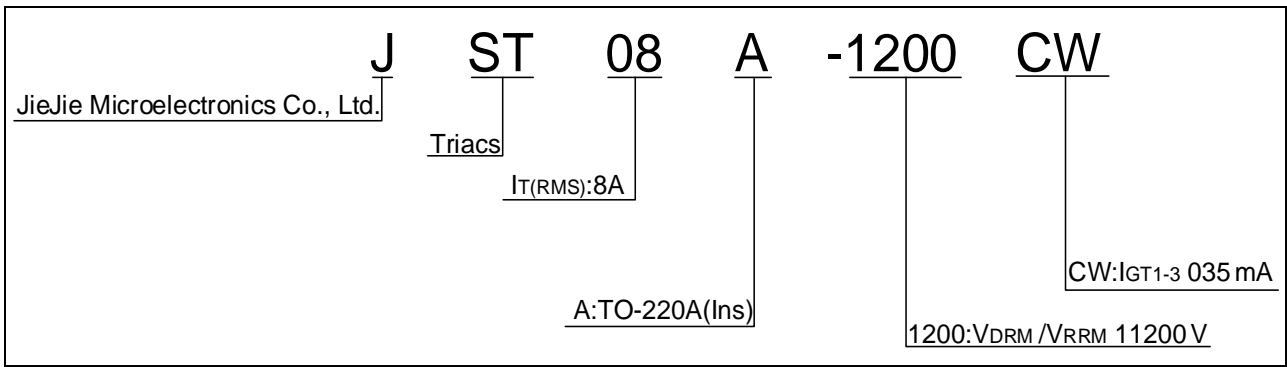
CHARACTERISTICS

=3

1



ORDERING INFORMATION



MARKING

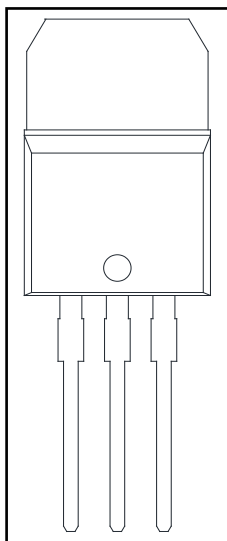


FIG.1: Maximum power dissipation versus RMS on-state current

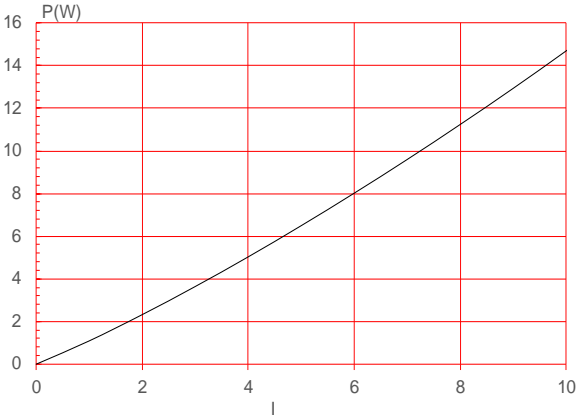


FIG.2: RMS on-state current versus case temperature

ORDERING INFORMATION

| Order code | Voltage V_{DRM}/V_{RRM} (V) | IGT(mA) | Package | Base qty. (pcs) | Delivery mode |
|---------------|----------------------------------|---------|--------------|--------------------|------------------|
| | | - - | | | |
| JST08A-1200CW | 1200 | 35 | TO-220A(Ins) | 50 | Tube |

Document Revision History

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

