



|  |          |   |    |
|--|----------|---|----|
| Peak pulse voltage<br>( $T_j=25$ ; non-repetitive, off-state; FIG.7) | $V_{pp}$ | 5 | kV |
|--|----------|---|----|

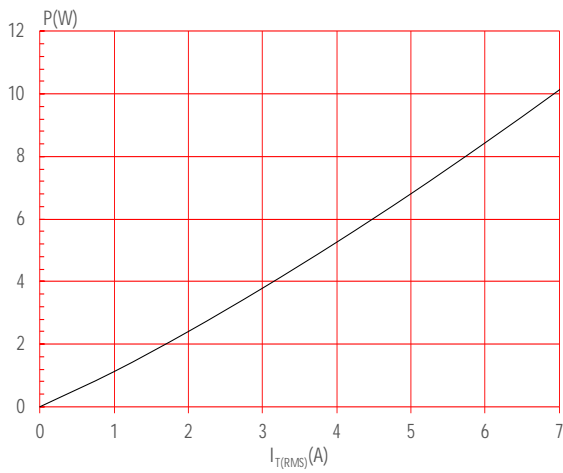
**ELECTRICAL CHARACTERISTICS** ( $T_j=25$  unless otherwise specified)

| Symbol | Test Condition | Quadrant | Value | Unit |
|--------|----------------|----------|-------|------|
|--------|----------------|----------|-------|------|

 $I_{GT}$  $V_D=12V$   $R_L=33$



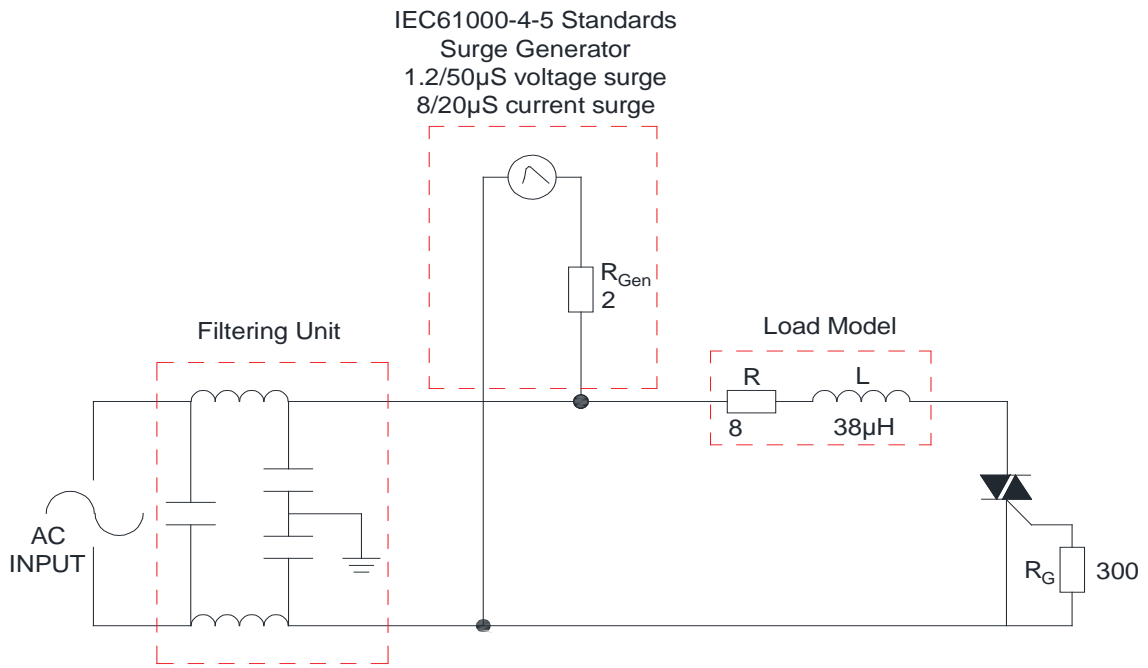
**FIG.1:** Maximum power dissipation versus RMS on-state current



**FIG.** Surge peak on state current versus

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

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



**ORDERING INFORMATION**

| Order code | Voltage<br>$V_{DRM}/V_{RRM}$ (V) | IGT(mA) | Package | Base qty.<br>(pcs) |  |
|------------|----------------------------------|---------|---------|--------------------|--|
|------------|----------------------------------|---------|---------|--------------------|--|

**JST06A-800C**

**JieJie M**

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