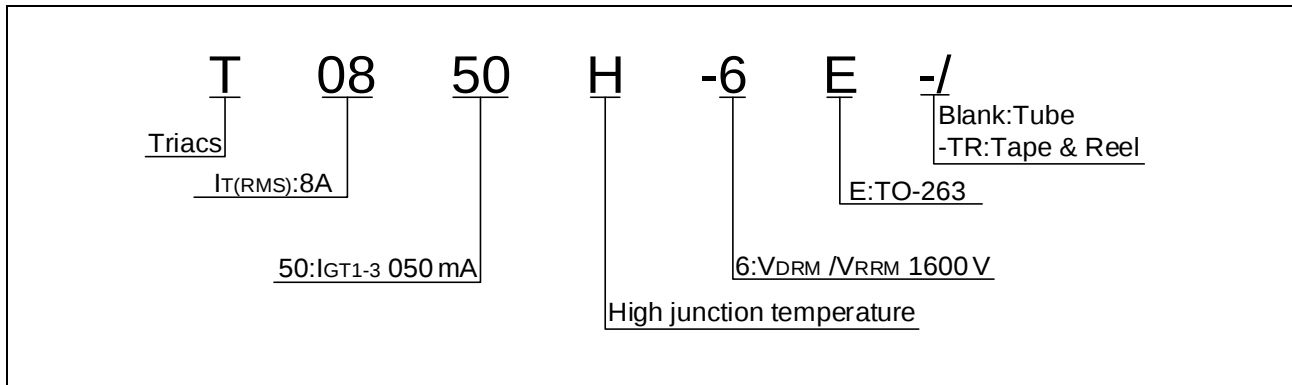




T0850H-6E

## ORDERING INFORMATION



## MARKING

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

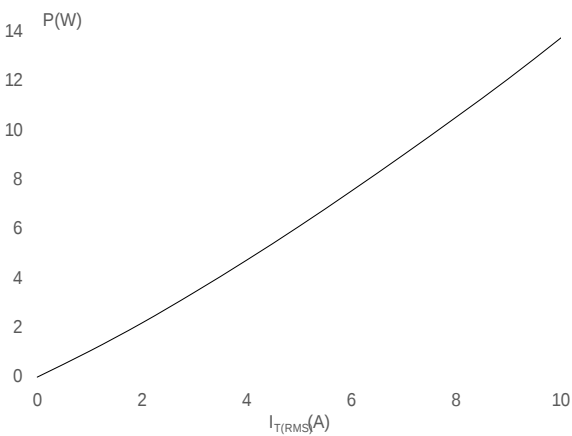
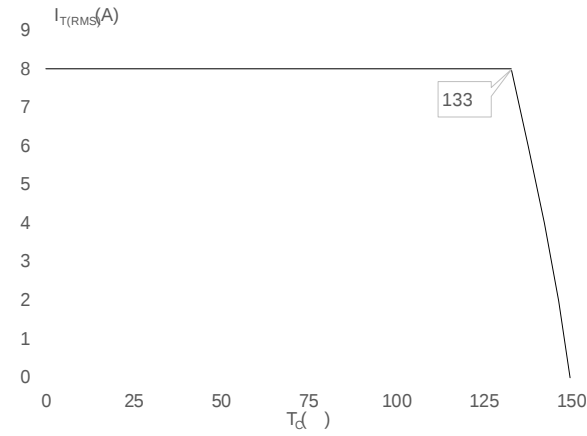


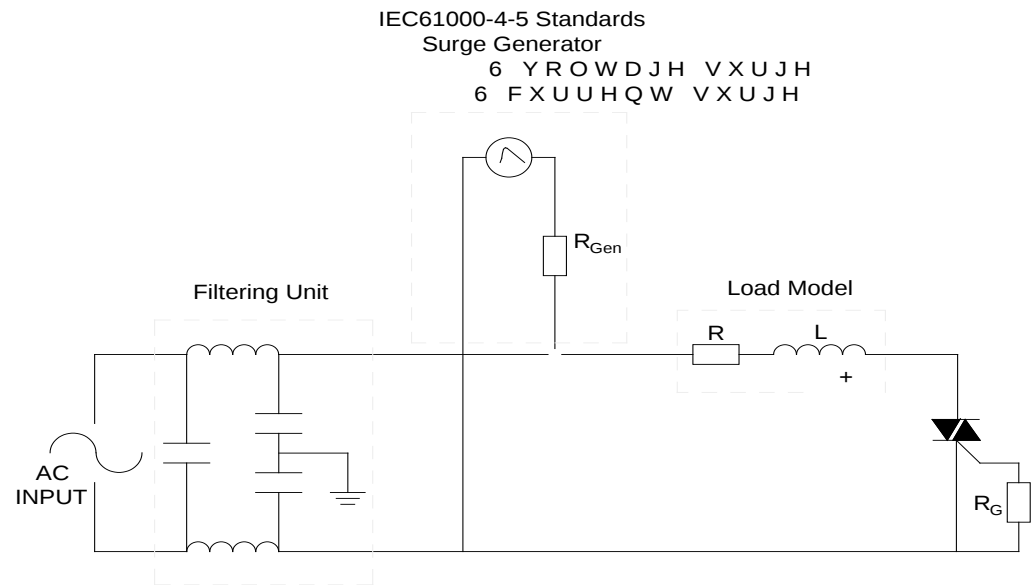
FIG.2: RMS on-state current versus case temperature



5 (S)-14f911P2BTRMSOP[(-)Tj d [(R)-16.3 (M)-7.-9.898 - Q e W <</Mnumber y146611(In)]TJ 0 es-

FIG.7: Relative variations of gate trigger current,  
holding current and latching current versus  
junction temperature

FIG.8 ÖTest circuit for inductive and resistive loads to IEC-61000-4-5 standards



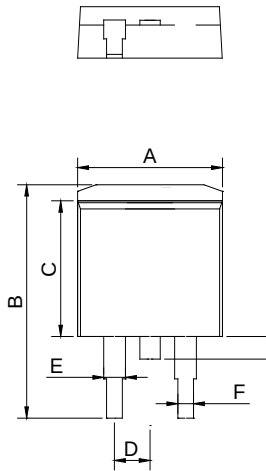
ORDERING INFORMATION

| Order code   | Voltage<br>V <sub>DRM</sub> /V <sub>RRM</sub> (V) | IGT(mA) | Package | Base qty.<br>(pcs) | Delivery<br>mode |
|--------------|---------------------------------------------------|---------|---------|--------------------|------------------|
|              |                                                   | - -     |         |                    |                  |
| T0850H-6E    | 600                                               | 50      | TO-263  | 50                 | Tube             |
| T0850H-6E-TR |                                                   |         |         | 800                | Tape & Reel      |

Document Revision History T

| Date | Revision | Changes |
|------|----------|---------|
|------|----------|---------|

PACKAGE MECHANICAL DATA



| Ref. | Dimensions  |      |       |        |      |       |
|------|-------------|------|-------|--------|------|-------|
|      | Millimeters |      |       | Inches |      |       |
|      | Min.        | Typ. | Max.  | Min.   | Typ. | Max.  |
| A    | 9.90        |      | 10.20 | 0.390  |      | 0.402 |
| B    | 14.70       |      | 15.80 | 0.579  |      | 0.622 |
| C    | 9.40        |      | 9.60  | 0.37   |      | 0.378 |
| D    | 2.40        |      |       | 0.094  |      |       |
| E    | 1.20        |      | 1.50  | 0.047  |      | 0.059 |
| F    | 0.75        |      | 0.85  | 0.029  |      | 0.033 |
| G    |             |      | 1.50  |        |      |       |
| H    | 4.40        |      | 4.70  | 0.173  |      | 0.185 |
| J    | 2.30        |      | 2.70  | 0.091  |      | 0.106 |
| K    | 0.38        |      | 0.55  | 0.015  |      | 0.022 |
| L    | 0           |      | 0.25  |        |      |       |
| M    | 1.25        |      | 1.35  |        |      |       |
|      |             |      |       |        |      |       |



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