



**T1650H-8E 16A TRIAC**

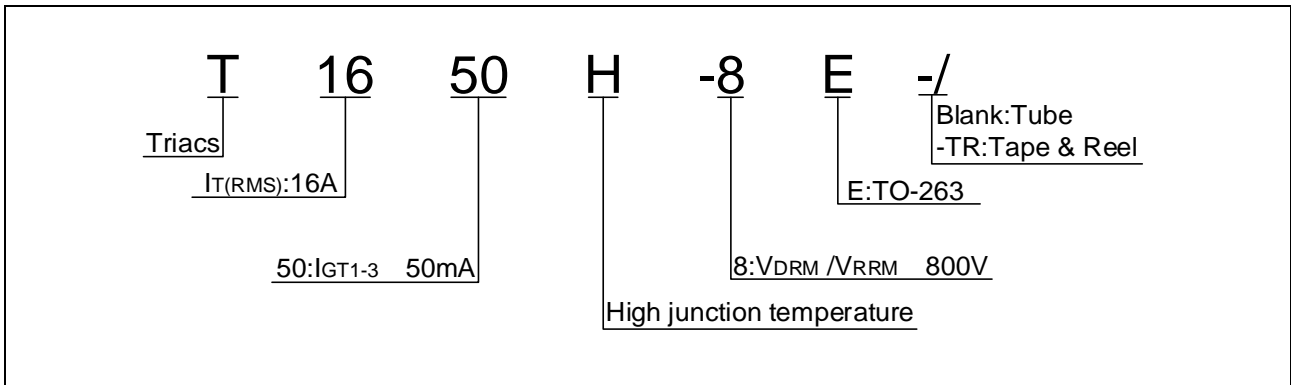
**Rev.**

|  |          |   |    |
|--|----------|---|----|
| Peak pulse voltage<br>( $T_j=25$ ; non-repetitive, off-state; FIG.8) | $V_{pp}$ | 4 | kV |
|--|----------|---|----|

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

| Symbol   | Test Condition                        | Quadrant | Value |     | Unit |
|----------|---------------------------------------|----------|-------|-----|------|
| $I_{GT}$ | $V_D=12V$ $R_L=33$                    | - -      | MAX.  | 50  | mA   |
| $V_{GT}$ |                                       | - -      | MAX.  | 1   | V    |
| $V_{GD}$ | $V_D=V_{DRM}$ $T_j=150$<br>$R_L=3.3k$ | - -      | MIN.  | 0.2 | V    |

ORDERING INFORMATION



MARKING

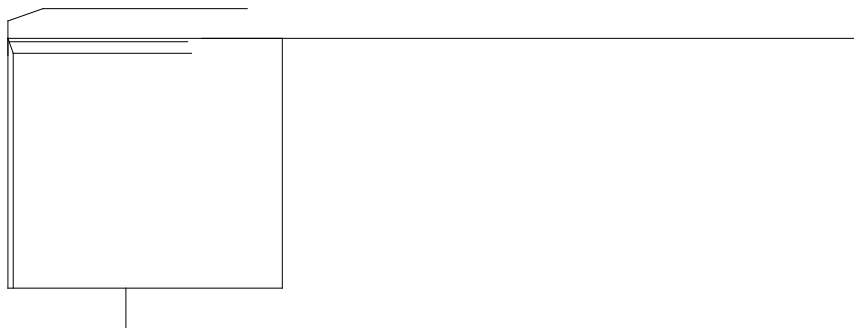
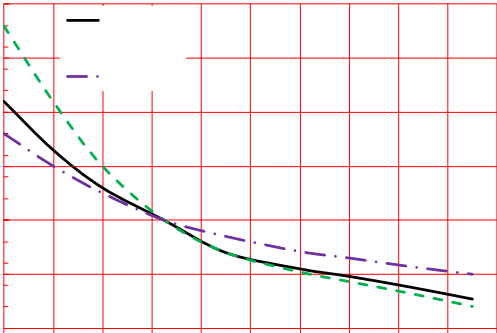




FIG.7: Relative variations of gate trigger current, holding current and latching current versus junction temperature

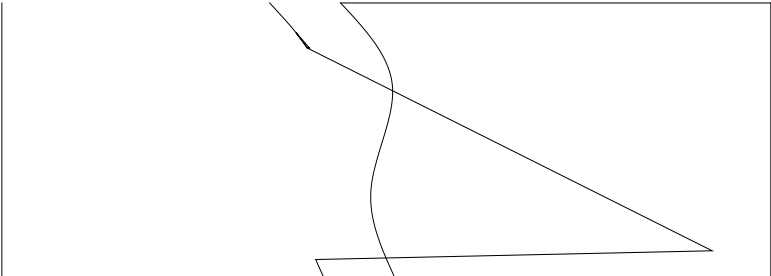




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DELIVERY MODE



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