## T0420H-8E 4A TRIAC

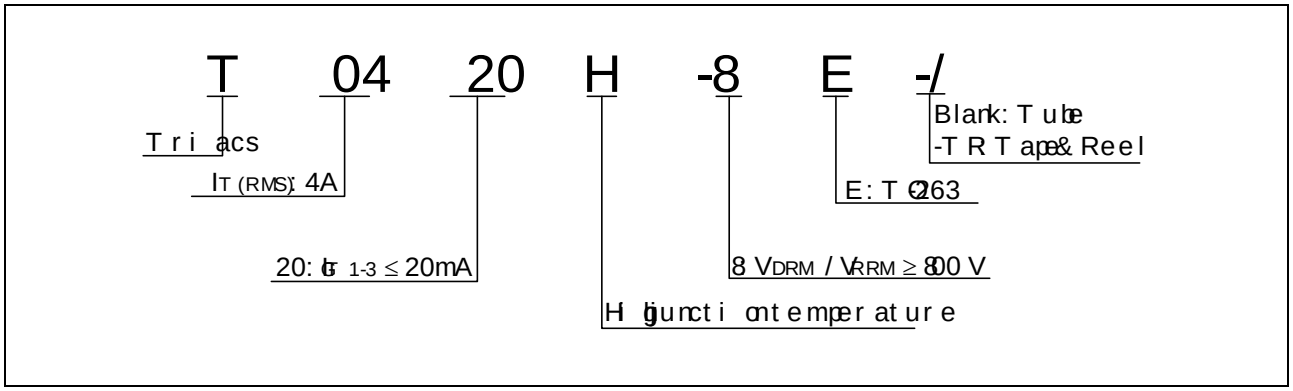
Rev.A.1.1

## DESCRIPTION:

The T0420H-8E triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as static relay, heating regulation, induction motor starting circuits, for phase control operation in light dimmers, 0 T c 0 T w 25. 13 0 T d 5 Do 6] T J

| | | | |
|---|---|---|---|
| Peak pulse voltage<br>($T_j$=25 ; non-repetitive waveform ref FIG8) | $V_{pp}$ | 4 | kV |

## ORDERING INFORMATION




## MARKING

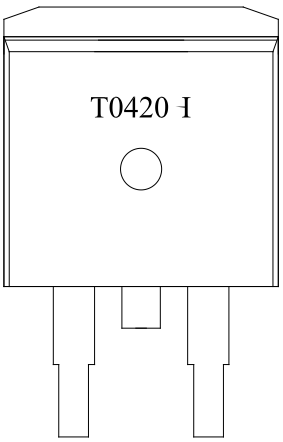
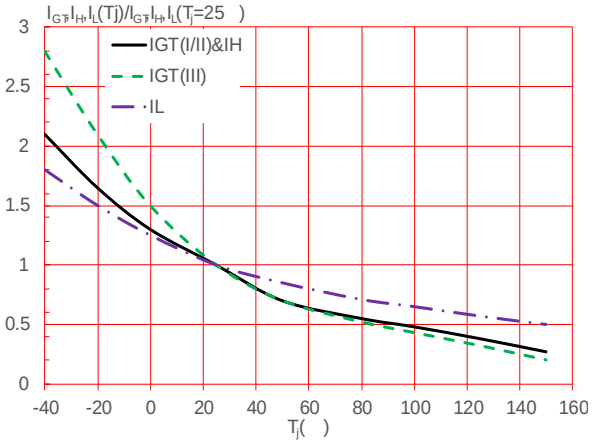


**FIG.1:** Maximum power dissipation versus RMS on-state current



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

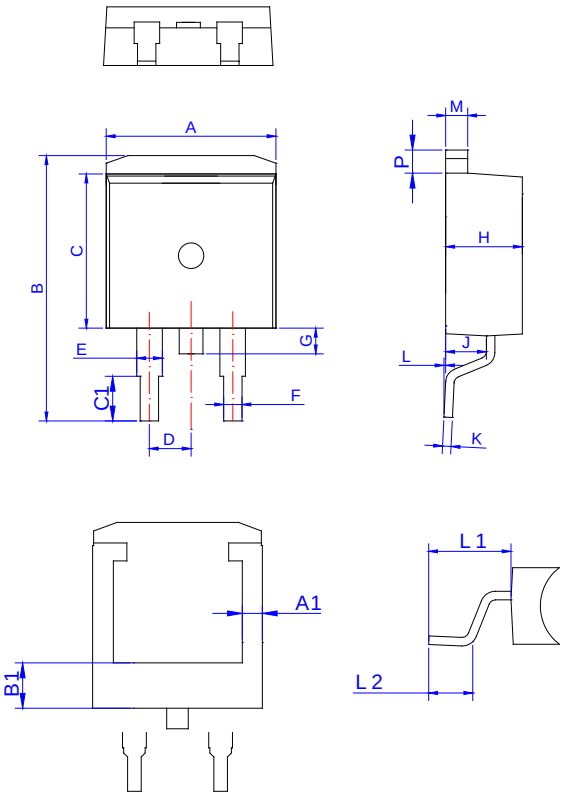
**FIG.7:** Relative variations of gate trigger current, holding current and latching current versus junction temperature



## ORDERING INFORMATION

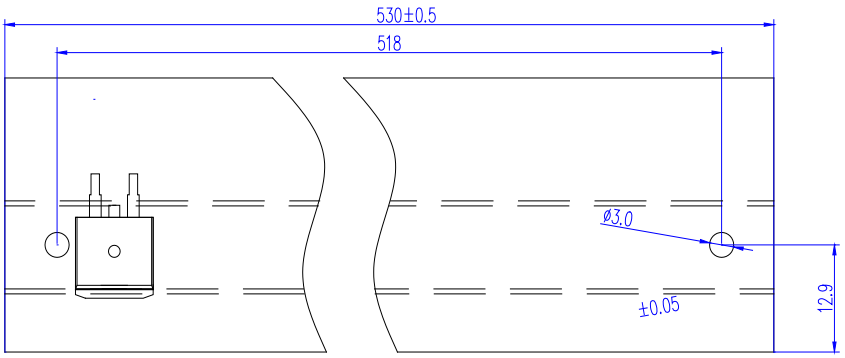
| Order code | Voltage $V_{DRM}/V_{RRM}$ (V) | IGT(mA) | Package | Base qty. (pcs) | |
|---|---|---|---|---|---|

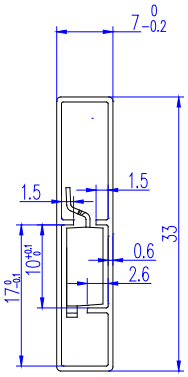
# PACKAGE MECHANICAL DATA




| 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 | 0.370 | | 0.378 |
| | | | | | | 0.70 |
| D | 2.40 | | 2.70 | 0.094 | | 0.106 |
| E | 1.20 | | 1.50 | 0.047 | | 0.059 |
| F | 0.75 | | 0.85 | 0.029 | | 0.033 |
| G | | | | | | |
| H | 4.40 | | 4.70 | 0.173 | | 0.1850. |
| | | | | | | |
| J | | | | | | |
| K | | | | | | |

## DELIVERY MODE




| PACKAGE | OUTLINE |
|---|---|