JST16E-1200TW 16A TRIAC

Rev.A.1.2

DESCRIPTION:

The JST16E-1200TW triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. JST16E-1200TW snubberless triac is especially recommended for use on inductive loads. It can be driven directly through the MCU I/O port. Package TO-2

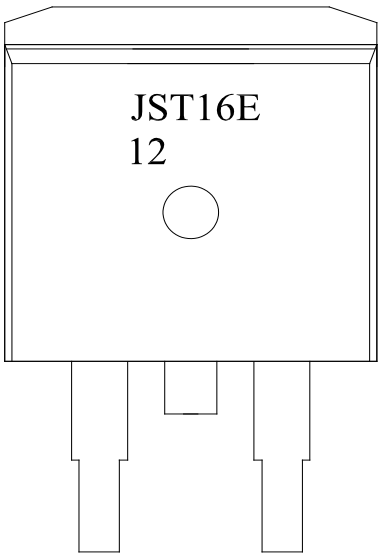
Peak pulse voltage
(T_j=25

ORDERING INFORMATION

J ST 16 E -1200 TW -/

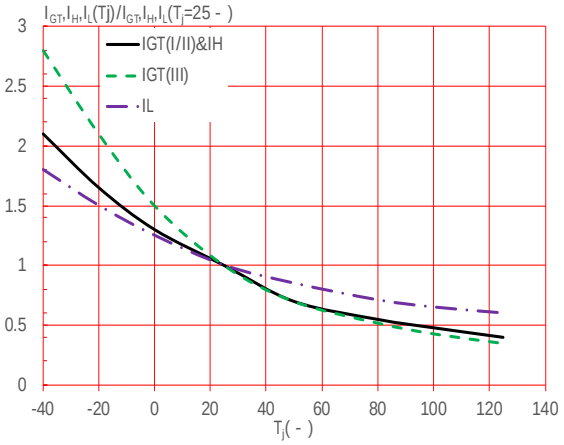
- J: JieJie Microelectronics Co., Ltd.
- ST: Triacs
- 16: $I_{T(RMS)}$:16A
- E: E:TO-263
- 1200: V_{DRM} /V_{RRM} ≥ 1200V
- TW: I_{GT1-3} ≤ 5mA
- -/: Blank:Tube; -TR:Tape &Reel

MARKING



JST16E-1200TW

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



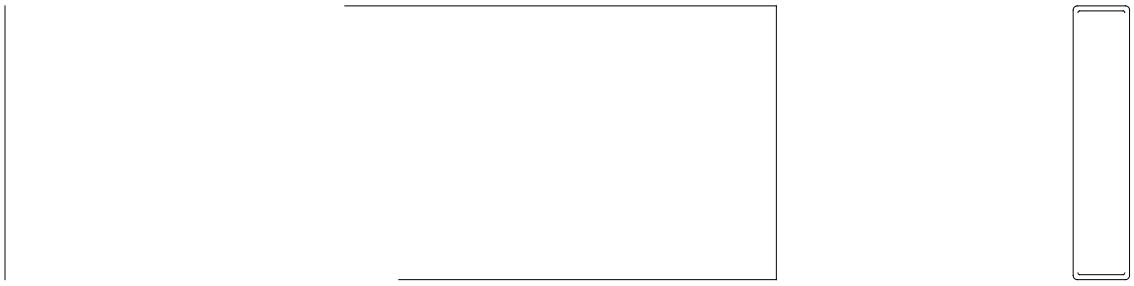
ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		H- I- J			
JST16E-1200TW	1200	5	TO-263	50	Tube
JST16E-1200TW-TR				800	Tape & Reel

Document Revision History

Date	Revision	Changes
Apr.12, 2023	A.1.0	Last updated
Oct.20, 2025	A.1.1	Revise PACKAGE MECHANICAL DATA
Sept.16, 2026	A.1.2	Revise I_{TSM}, dV/dt

DELIVERY MODE



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