JST16F-1200BW 16A TRIAC

Rev.A.1.2

DESCRIPTION:

The JST16F-1200BW is a three terminal bidirectional AC switch that can be turned ON by a low energy gate trigger current. It can be used as an ON/OFF function in applications such as static relays, heating regulation, induction motor starting circuits, or for phase control operation in light dimmers, motor speed controllers, and similar power circuits where high switching current quadrant commutation capability is required.

JST16F-1200BW is suitable for surface mount applications. It is supplied in an industry standard TO-220F package.

JST16F-1200BW is packed in tube, 2000 pcs per box.

JST16F-1200BW

FIG.1: Maximum RMS

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

FIG.7 Test waveform according to IEC -61000-4-5 standard



ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		H- I- J			
JST16F-1200BW	1200	50	TO-220F(Ins)	50	Tube

Document Revision History

Date	Rev.	Change
Apr.12 , 2023	A.1.0	Latest
Oct.13, 2025	A.1.1	Rev. PACKAGE MECHANICAL DATA
Sep.15, 2026	A.1.2	Rev. I_{TSM}, dV/dt

PACKAGE MECHANICAL DATA



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