



JST06F-800C 6A TRIAC

Rev.A.1.1

The JST06F-800C 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. By using an external plastic package, JST06F-800C provides a rated insulation voltage of 2000 VRMS, complying with UL standards (File ref: E252906). Package TO-220F is RoHS compliant.

Parameter



Peak pulse voltage
(T_j=25 °C) k a 0 / d M 3

J	ST	06	F	-800	C
JieJie Microelectronics Co., Ltd.	Triacs	$I_{T(RMS)}:6A$			$C:I_{GT1-3} 0.25mA \ I_{GT4} 0.50mA$
		F:TO-220F(Ins)		800:V _{DRM} /V _{RRM} 1800V	

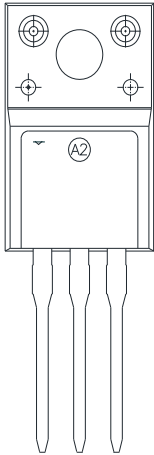
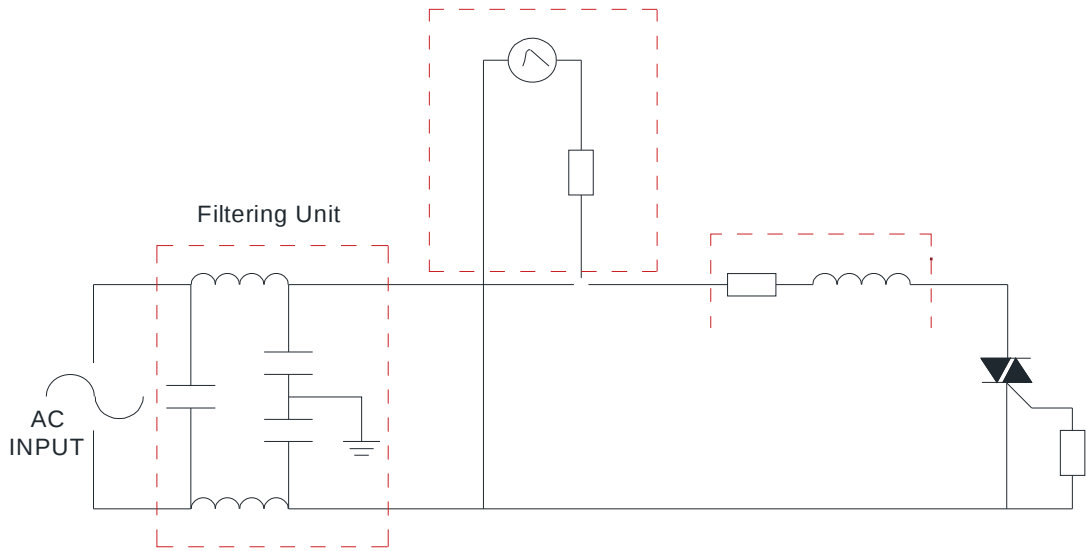




FIG.7 ÖTest circuit for inductive and resistive loads to IEC-61000-4-5 standards

IEC61000-4-5 Standards
Surge Generator
1.2/50µS voltage surge





Order code	Voltage V _{DRM} /V _{R_{RRM}} (V)	IGT(mA)		Package	Base qty. (pcs)	Delivery mode
		- -				
JST06F-800C	800	25	50	TO-220F(Ins)	50	Tube

Document Revision History

Date	Revision	Changes
Apr.14, 2023	A.1.0	Last updated
Oct.14, 2025	A.1.1	Revise PACKAGE MECHANICAL DATA



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