



JST10F-600CW 10A TRIAC

Rev.A.1.1

DESCRIPTION:

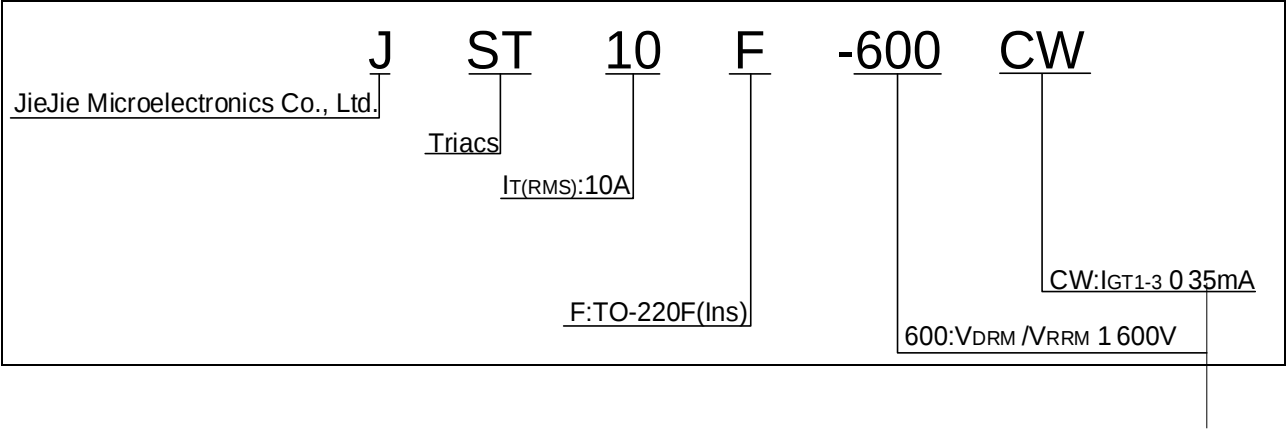
The JST10F-600CW triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. JST10F-600CW snubberless triac is especially recommended for use on inductive loads. By using an external plastic package, JST10F-600CW provides a rated insulation voltage of 2000 VRMS, complying with UL standards (File ref: E252906). Package TO-220F is RoHS compliant.

MAIN FEATURES

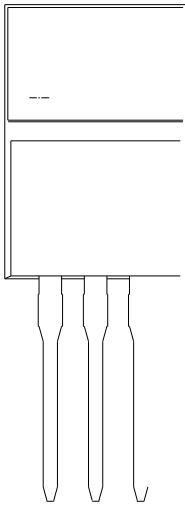
ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
Storage junction temperature range	T _{stg}	-40~150	
[Redacted]			V
			V
			A
			A
			A ² s
			A/μs
Peak gate current (t _p =20μs , T _j =125)	I _{GM}	4	A
Average gate power dissipation (T _j =125)	P _{G(AV)}	0.5	W

ORDERING INFORMATION



MARKING



JST10F-600CW

ORDERING INFORMATION

Order code	Voltage $V_{\text{DRM}}/V_{\text{RRM}}$ (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
JST10F-600CW	600	35	TO-220F(Ins)	50	Tube

Document Revision History

Date	Revision	Changes
Apr.11, 2023	A.1.0	Last updated
Oct.13, 2025	A.1.1	Revise PACKAGE MECHANICAL DATA

JST10F-600CW

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