



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.



Peak pulse voltage

(T_j=25 °C)

10

100

1000

10000

100000

1000000

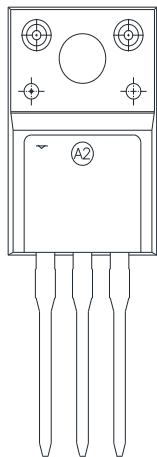
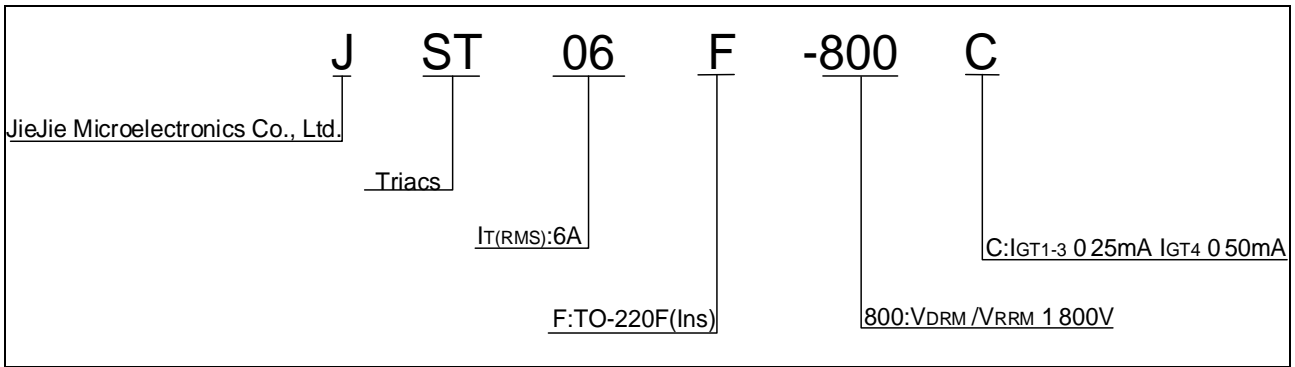


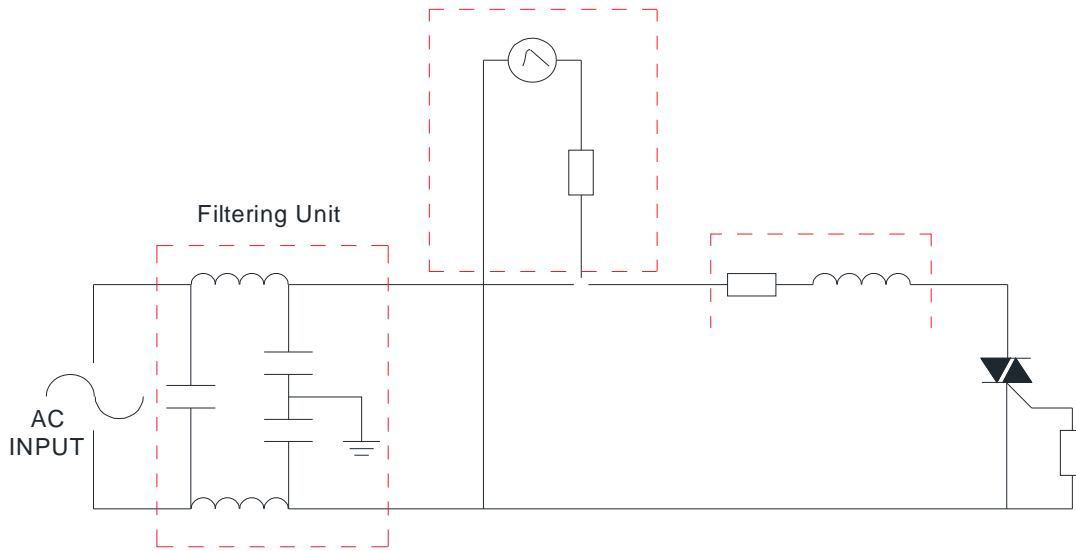


FIG.7 ÖTest circuit for inductive and resistive loads to IEC-61000-4-5 standards

IEC61000-4-5 Standards

Surge Generator

1.2/50 μ S voltage surge





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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