

ST70-27F

TVS
180A, 7000W

Feature

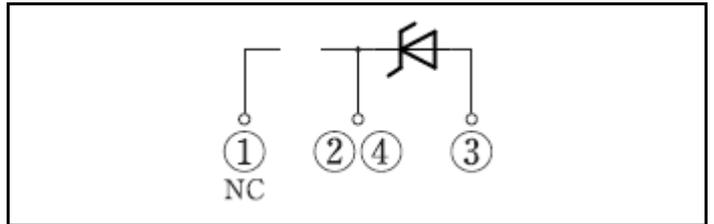
- Peak pulse power:7000W
- SMD
- Available for automotive use
- Pb free terminal
- RoHS:Yes

OUTLINE

Package (House Name): STO-220
Package (JEITA Code): SC-83 similar



Equivalent circuit



Absolute Maximum Ratings (unless otherwise specified : Tc=25°C)

Item	Symbol	Conditions	Ratings	Unit
Storage temperature	Tstg		-40 to 150	°C
Operating junction temperature	Tj		150	°C
Maximum surge reverse current	I _{RSM}	10/1000μs, Non-repetitive	180	A
Maximum surge reverse power	P _{RSM}	10/1000μs, Non-repetitive	7000	W
Continuous (direct) reverse voltage	V _{R(DC)}		23	V
Maximum forward power	P _F	Tl=25°C	5	W

※ :See the original Specifications