JST04K-1000SW 4A TRIAC

Rev.A.1.1

DESCRIPTION:

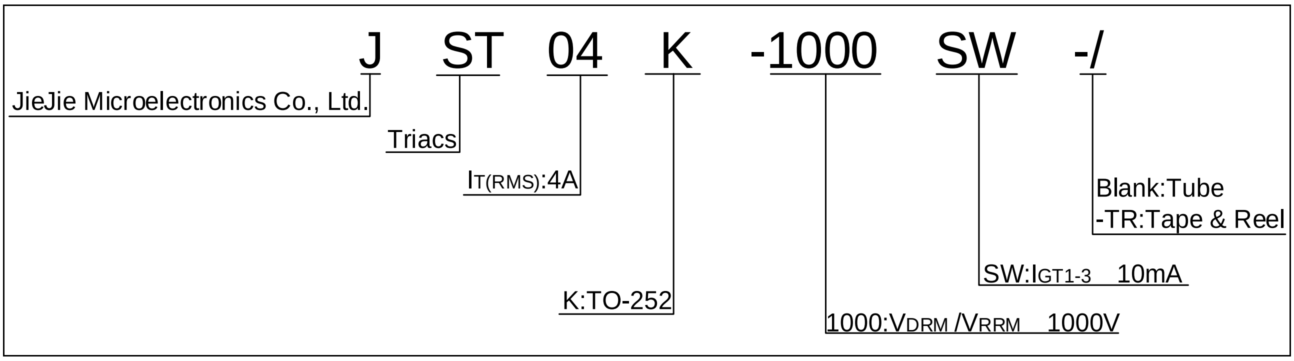
The JST04K-1000SW triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. JST04K-1000SW snubberless

Peak pulse voltage (T_j=25 ; non-repetitive,off-state;FIG.8)	V_{pp}	3	kV

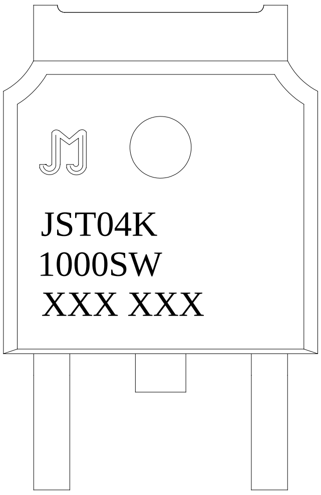
ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value	Unit

ORDERING INFORMATION



MARKING



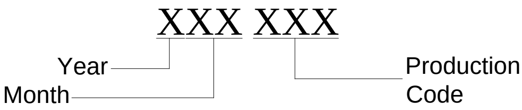


FIG.7: Relative variations of gate trigger current, holding current and latching current versus junction temperature

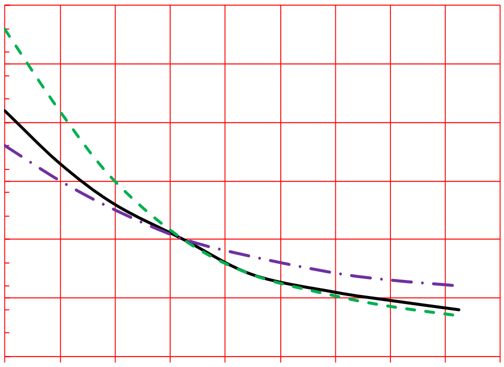
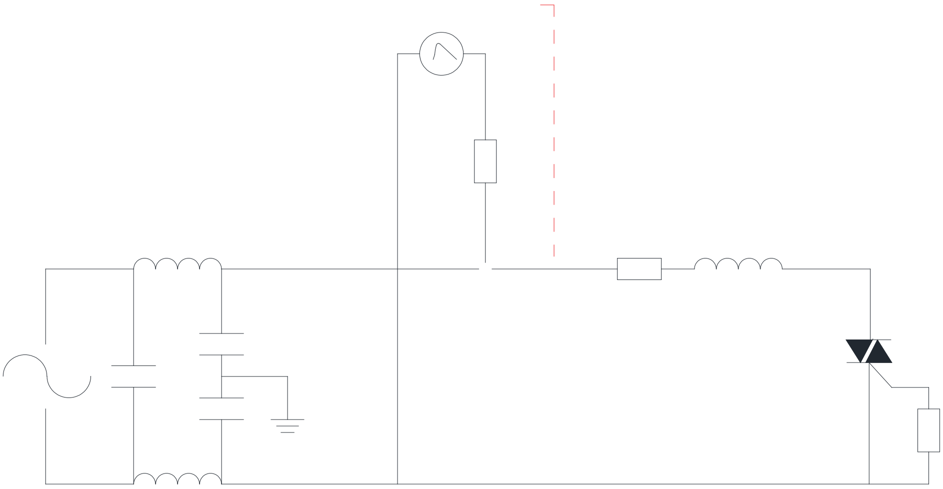


FIG.8　Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
JST04K-1000SW	1000	10	TO-252	80	Tube
JST04K-1000SW-TR				2,500	Tape & Reel

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DELIVEE4 T(c)-8V 0Td( )Tj9T d/MCID 3 lineS 2 /T T1 2Tf 72 [illegible] 6 1MC Q S2 CS4 SCNTd 2T J5-9 p SD 0 2