



JST41T-1600BW 40A TRIAC

Rev.A.1.0

DESCRIPTION:

The JST41T-1600BW triac is suitable for general purpose

AC switching. It can be used as an ON/OFF function

Peak gate power	P_{GM}	40	W
Peak pulse voltage ($T_j=25$; non-repetitive, off-state; FIG.7)	V_{pp}	1.2	kV

ELECTRICAL CHARACTERISTICS($T_j=25$ unless otherwise specified)

Symbol	Test Condition	Quadrant	Value	Unit
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I_{GT}

ORDERING INFORMATION

J	ST	41	T	-1600	BW
JieJie Microelectronics Co., Ltd.	Triacs	IT(RMS):40A	T:TG-C(Ins)	1600:VDRM /VRRM 1600V	BW:IGT1-3 50mA

MARKING

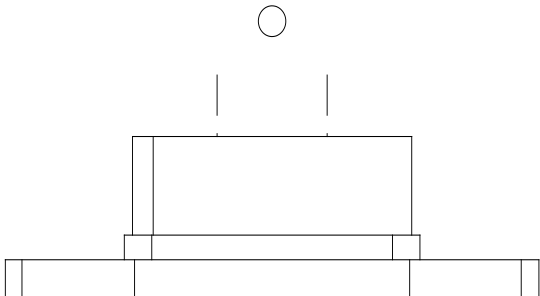
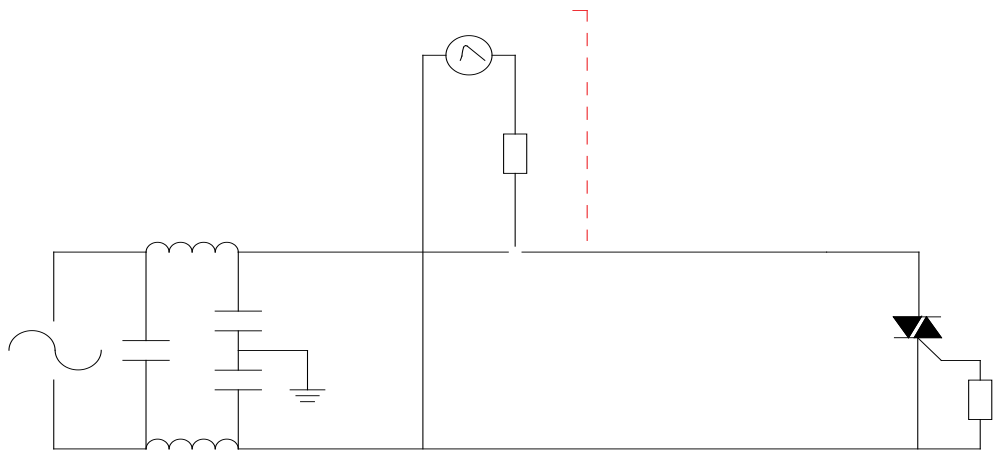


FIG.1: Maximum power dissipation versus RMS on-state current

FIG.2: RMS on-state current versus case temperature

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



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