JST08F-1200TW 8A TRIAC

Rev.A.1.1

DESCRIPTION:

7KH -67) 7: WUXLDWFHDEYOHV IRU JHQHUDO SXUSRVH
$& VZLWFKLQJ ,W FDQ EH XVHG DV DQ 21 2)) IXQFWLRQ LQ
DSSOLFDWLRQV VXFK DV KHDWLQJ LQGXFWLRQ PRWRU
VWDUWLQJ FLUFXLWV RU IRU SKDVH FRQWURO LQ OLJKW
GLPPHUV PRWRU VSHHG FRQWUROOHUV -67) 7:
VQXEEHUOHVV WULDFV DUH UHFRPPHQGHG IRU XVH RQ
LQGXFWLYH ORDGV ,W FDQ EH GULYHQ GLUHFWO\ WKURXJK
, 2 SRUW %\ XVLQJ DQ LQWHUQDO FHUDPLF SDFNDJH
-67) 7: SURYLGHV LQVXODWLRQ YROWDJH RI
9506 FRPSO\LQJ ZLWK 8/ VWDQGDUGV)LOH UHI (
3DFNDJH 72) LV 5R+6 FRPSOLDQW

MAIN FEATURES

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
6WRUDJH MXQFWLRQ WHPSHUDWXUH UDQJH	VWJ	7	
2SHUDWLQJ MXQFWLRQ WHPSHUDWXUH UDQJH	M	7	
5HSHWLWLYH SHDN RII VWDWH YROWDJH	9 50	7	9

5HSHWLWLYH SHDN UHYHUVH 9YROWDJH M 7

3HDN JDWH FXUUHQW W	,*0		$
$YHUDJH JDWH SRZHU GLVVLSDWLRQ 7M	3*$9		
3HDN JDWH SRZHU	3*0		:
3HDN SXOVH YROWDJH 7M QRQ UHSHWLWLYH RII VWDWH),*	9SS		

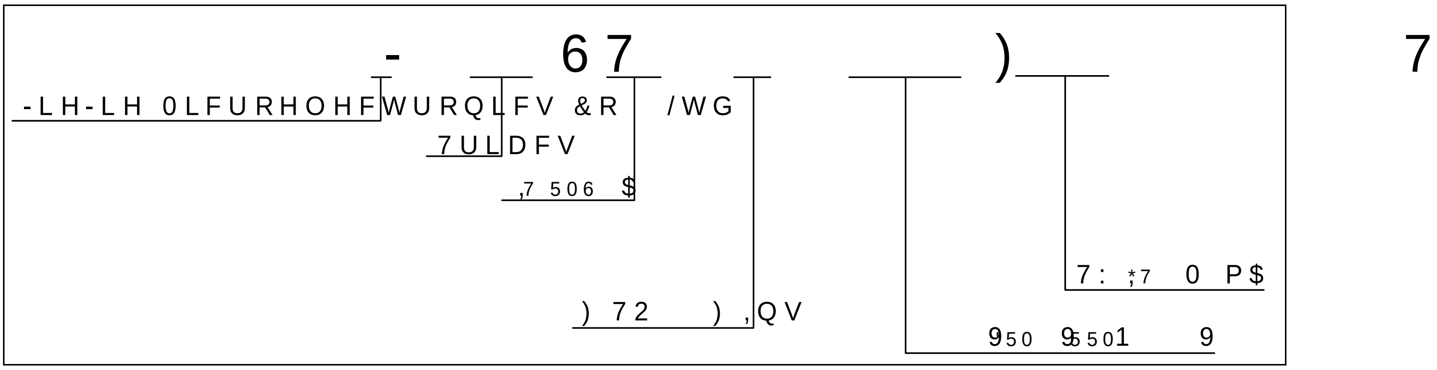
ELECTRICAL CHARACTERISTICS 7M XQOHVV RWKHUZLVH VSHFLILHG

Symbol	Test Condition	Quadrant	Value		Unit
,*7	9' 9 5		0$;		P$
9*7			0$;		9
9*'	9' 9'50 7M 5/ N		0,1		9
,/	,* ,*7		0$;		P$
,+	,7 P$		0$;		P$
G9 GW'	99 *DWH 2SHQ 7M		0,1		9 V
G, GW F	G9 GWM F 9 V		70,1		$ PV
WRQ WRII	,* P$ $, P$ 5, P$ 7M		7<3		V

STATIC CHARACTERISTICS

Symbol	Parameter		Value(MAX.)	Unit
970	70 $,sW V	7M		
972	7KUHVKROG YROWDJH	7M	7	9
5'	'\QDPLF UHVLVWDQFH	7M 7		P
,'50 ,550	9' 9'50 9 9550	7M 7˜&"0 ˜&˜wB0ˆW		$

ORDERING INFORMATION



MARKING

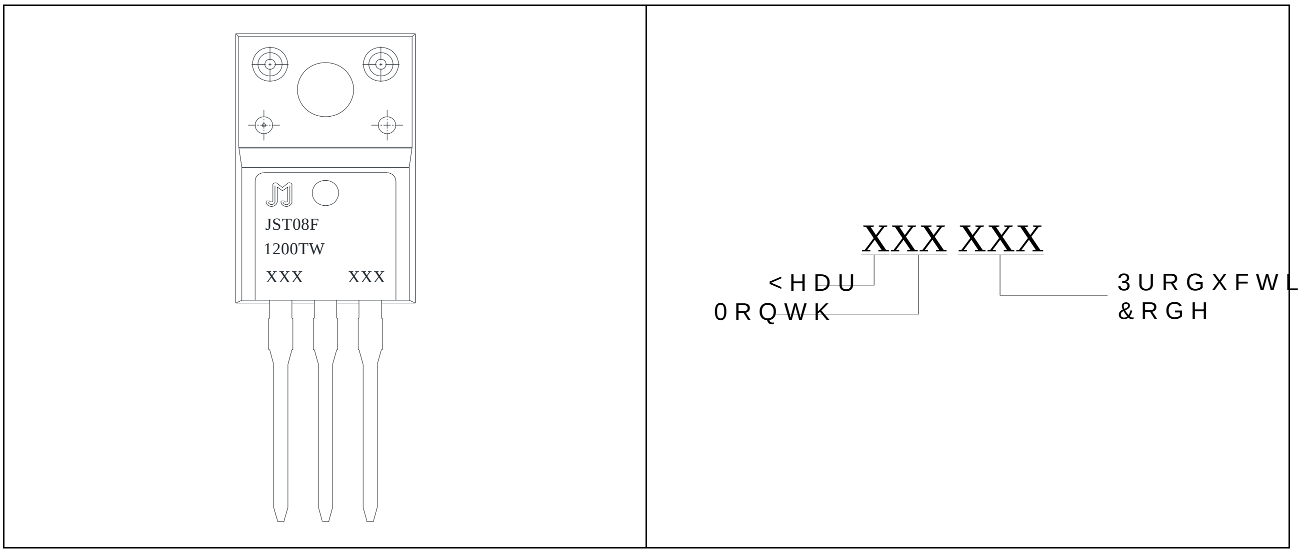


FIG.1: 0D[LPXP SRZHU GLVVLSDWLRQ YHUVXV RQ VWDWH FXUUHQW

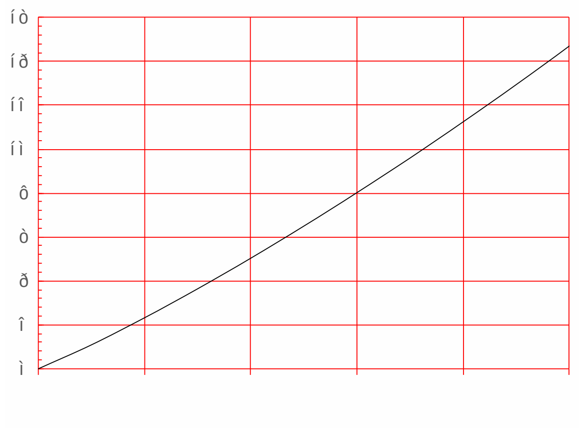
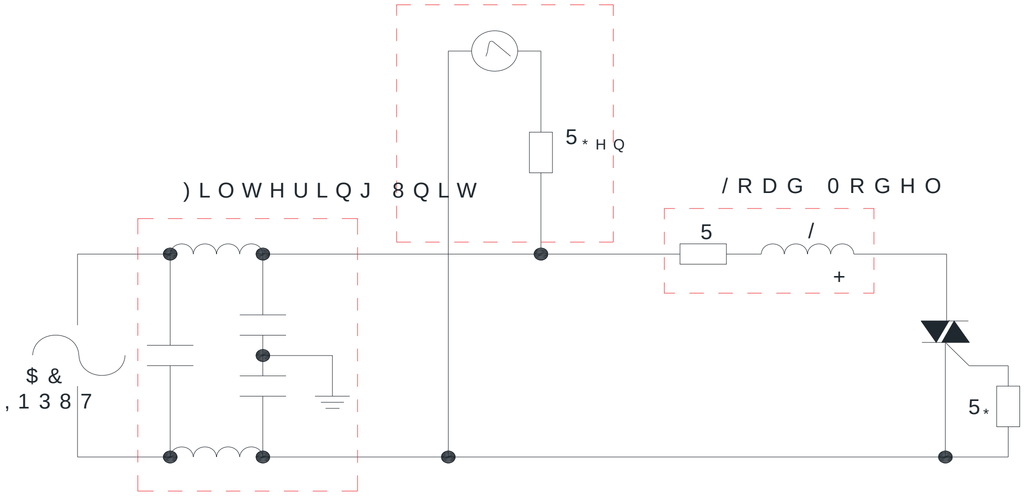


FIG.2: 506 RQ 6WDWH FXUUHQW YHU
WHPSHUDWXUH

),* Ö7HVW FLUFXLW IRU LQGXFWLYH DQG UHVLVWLYH O

,(& 6WDQGDUGV
6XUJH *HQHUDWRU
6 YROWDJH VXUJH
6 FXUUHQW VXUJH



LEAD FORMING AND SOLDERING

5HIHU WR WKH DSSOLFDWLRQ QRWH 3$RZHUMLQ
-LH-DH

ORDERING INFORMATION

Order code	Voltage VDRM/VRRM (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
JST08F-1200TW	1200	5	TO-220F(Ins)	50	Tube

Document Revision History

'DWH	5HYLVLRQ	&KDQJHV
$SU	$	/DVW XSGDWHG
2FW	$	5HYLVH 3$&.$*(0(&+$1,&$/ '7

PA L DATA

,QIRUPDWLRQ IXUQLVKHG LV EHOLHYHG WR EH DFFXUDWH
-LDQJVX -LH-LH 0LFURHOHFWURQLFV &R /WG DVVXPHV QR UHVSRQVLELOLW\ IRU WKH FRQVH
RI XVH ZLWKRXW FRQVLGHUDWLRQ IRU VXFK, LQIRUPDWLRQ R
LQ WKLV GRFXPHQW LV VXEMHFW WR FKDQJH ZKHQ WKH QRQ XDJ QR
VLJQHG -LDQJVX -LH-LH VHUYLFH FRP WKH DJUHHPHQW
3URGXFWV DQG LQIRUPDWLRQ SURYLGHG LQ WKLV GRFXPHQW
-LDQJVX -LH-LH DVVXPHV QR UHVSRQVLELOLW\ IRU LQIULQJHPHQW VRR
SDUWLHV ZKLFK PD\ UHVXOW IURP WKH XVH RI VXFK SURGXFWV
VXSHUVHGHV DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXV
LV D UHJLVWHUHG WUDGHPDUN RI -LH-LH 0LFURHOHFWURQLFV &
&RS\ULJKW -LDQJVX -LH-LH 0LF &RHO /WG $OO ULJKWV UHVH