JST137F-800G 8A TRIAC

Rev.A.1.1

^ Z/Wd/KEW

7KH -67) * WULDF LV VXLWDEOH IRU JHQHUDO SXUSRVH
$& VZLWFKLQJ ,W FDQ EH XVHG DV DQ 21 2)) IXQFWLRQ
LQ DSSOLFDWLRQ VXFK DV SRZHU FRQWURO GHYLFHV LQGXFWLRQ
PRWRU VWDUWLQJ FLUFXLWV RU SKDVH FRQWURO LQ
OLJKW GLPPHUV FRQWUROOHUV %\ XVLQJ DQ
H[WHUQDO SODVWLF SDFNDJH YLGHV D UDWHG
LQVXODWLRQ YROWDJH RI 9Z LWK 8/
VWDQGDUGV)LOH UHI (3DFNDJH 72) LV
5R+6 FRPSOLDQW

D/E& dhZ^

^K>hd D y/DhD Z d/E'^

Parameter	Symbol	Value	Unit
6WRUDJH MXQFWLRQ WHPSHUDWXUH RQ VWHUPDQJH	VWJ	7	
2SHUDWLQJ WHPSHUDWXUH RQ UDQJH		7	
5HSHWLWLYH SHDN RII VWDWH 9ROWDJH 7	9	9	
5HSHWLWLYH SHDN UHYHUVH 9ROWDJH 7	9	9	
506 RQ VWDWH&XUUHQW 7	,7 506		
1RQ UHSHWLWLYH VXUJH SHDN RQ IXOO F\FOH VLQH 7	,760	VWDWH FXUUHQW	$
1RQ UHSHWLWLYH VXUJH SHDN RQ IXOO F\FOH VLQH 7		VWDWH FXUUHQW	$
,W YDOXH IRU IXVLQJ W	,W		$V

&ULWLFDO UDWH RI ULVH RI RII VWDWH FXUUHQW
*; h,*7 Ru!‰8= ,

3HDN SXOVH YROWDJH 7M QRQ UHSHWLWLYH RII VWDWH	9SS	),*	

9

> dZ/ > , Z d Z^d/X^QOHVV 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$

R €x0•$DP `S

K Z Z / E ' / E & K Z D d / K E

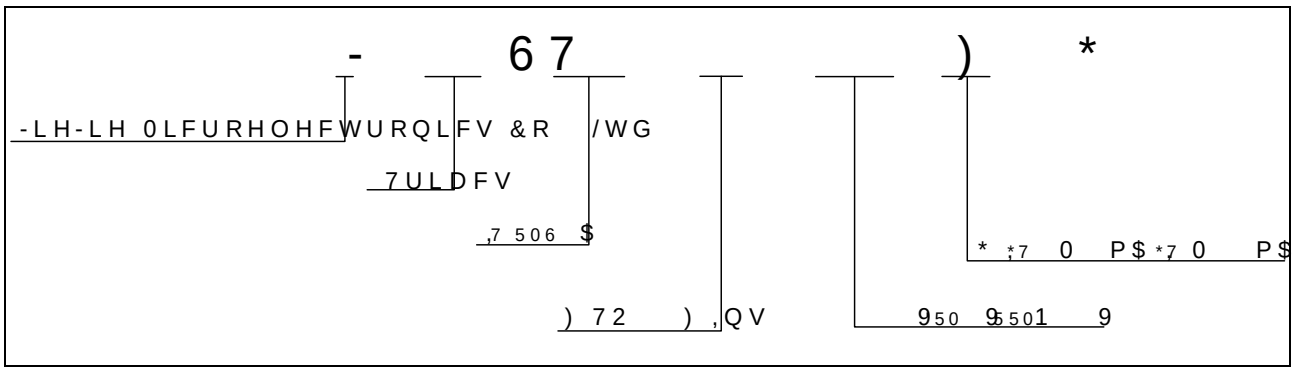


FIG.1: 0D[LPXP SRZHU GLVVLSDWLRQ YHUVXV 5DG VWDWH FXUUHQW YH RQ VWDWH FXUUHQW

FIG.2: V5DG VWDWH FXUUHQW YHUVXV MXQFWLRQ WHPSHUDWXUH

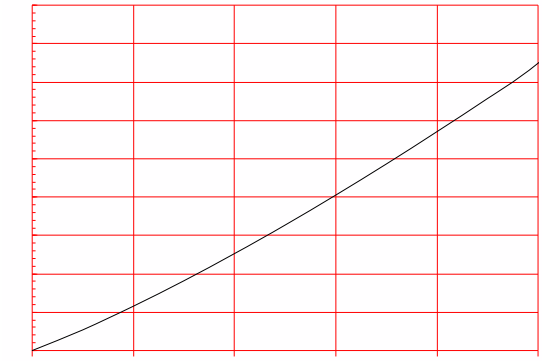
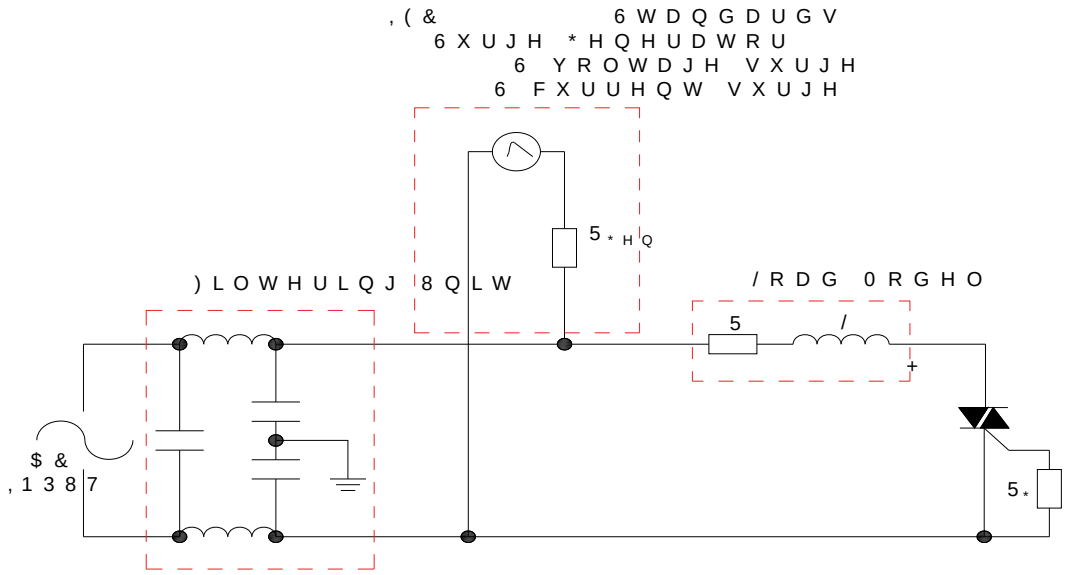


FIG.3: 6XUJH SHDN RQ VWDWH FXUUHQW YHUVXV QXPEHU RI F\FOHV

)LJ* Ö7HVW FLUFXLW IRU LQGXFWLYH DQG VWDWLF ORDGV



> &KZD/E' E ^K> Z/E'

5HIHU WR WKH DSSOLFDWLRQ QRWH 3URWHFWLRQ RI LQGXFWLYH DQG VWDWLF ORDGV RU FRQWDFW -LH-LH

K Z Z / E ' / E & K Z D d / K E

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)		Package	Base qty. (pcs)	Delivery mode
		- -				
JST137F-800G	**800**	**50**	**100**	**TO-220F(Ins)**	**50**	**Tube**

Document Revision History

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

W < ' D , E / > d



,QIRUPDWLRQ IXUQLVKHG LQ WKLV GRFXPHQW LV EHOLHYHG WR EH DFFXUDWH D
-LDQJVX -LH-LH 0LFURHOHFWURQLFV &R\ /WG DQG FRQWDLQV SURSULHWDU\
XVH ZLWKRXW FRQVHQW RU EH\RQG WKH VFRSH RI DXWKRUL]DWLRQ JUDQWHG
WKLV GRFXPHQW -LDQJVX -LH-LH DVVXPHV QR OLDELOLWLHV DULVLQJ IURP
VLJQHG -LDQJVX -LH-LH UHVHUYHV WKH ULJKW WR PDNH
3URGXFWV DQG LQIRUPDWLRQ GHVFULEHG KHUHLQ DUH QRW LQIULQJ
-LDQJVX -LH-LH DVVXPHV QR OLDELOLW\ DULVLQJ RXW RI WKH
SDUWLHV ZKLFK PDNH UHDVRQDEOH HIIRUWV WR HQVXUH WKDW
VXSHUVHGHV DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXV
LV D UHJLVWHUHG WUDGHPDUN RI -LDQJVX -LH-LH 0LFURHOHFWURQLFV &
&RS\ULJKW ‹ -LDQJVX -LH-LH 0LFURHOHFWURQLFV &R /WG $OO