



JST137F-800G 8A TRIAC

Rev.A.1.1

^ Z/Wd/KEW

7KH -67) * WULDF LV VXLWDEOH IRU JHQUHDO SXUSRVH
\$& VZLWFKLQJ ,W FDQ EH XVHG DV DQ 21 2)) IXQFWLRQ
LQ DSSOLFDWLRQ QJVVXFKXDVWHDQ LQGXFWRQ
PRWRU VWDUWUQSKDWHFKEWDRQ LQ
OLJKW GLPPHUV FRQWUROVSHHG %\ XVLQJ DQ
H[WHUQDO SODVWLQ)SDFNSURJLGHV D UDWHG
LQVXODWLRQ YROWDJFRPSO\LQJ5ZLWK 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 MXSHFWLWXUWHLPDQJH VWJ		7	
2SHUDWLQJWHKSHWLDQXUH UDQJH		7	
5HSHWLWLYH SHDN RMI VWDWH 95ROWDJH 7			9
5HSHWLWLYH SHDN WHYHUVH YDOWDJH 7			9
506 RQ VWDWHFXUUHQW 7	,7 506		
1RQ UHSHWLWLYH VXUJH SHDN RQ VWDWH FXUUHQW IXOO F _S \FOH MW	760 RQ		\$
1RQ UHSHWLWLYH VXUJH SHDN RQ VWDWH FXUUHQW IXOO F _S \FOH V W7			
,W YDOXH IRU PXVLRQJ W	,W		\$V

&ULWLFDO BDWQ RWDWHHFXUUHQW

*, h,*7 Ru!%8 = ,

3HDN SXOVH YROWDJH 7 _M QRQ UHSHWLWLYH RII VWDWH) , *	9 _{SS}		
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> dZ/ > , Z d Z M^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 7 _M 5/ N	\$//	0,1		9
/	,* ,*7		0\$;		P\$

FIG.1: 0D[LPXP SRZHU GLVVLSDWLRQ YFIG.2: 5X06 5RQ VWDWH FXUUHQW YH
RQ VWDWH FXUUHQW WHPSHUDWXUH

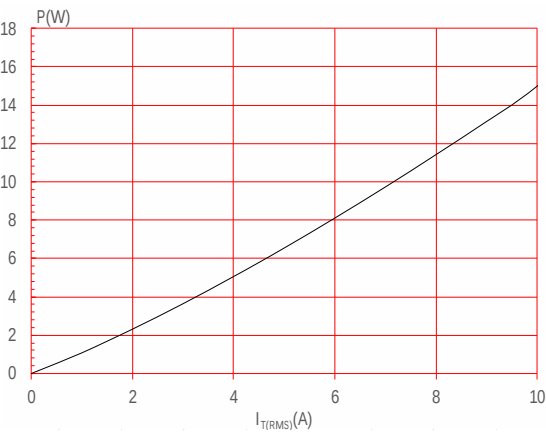


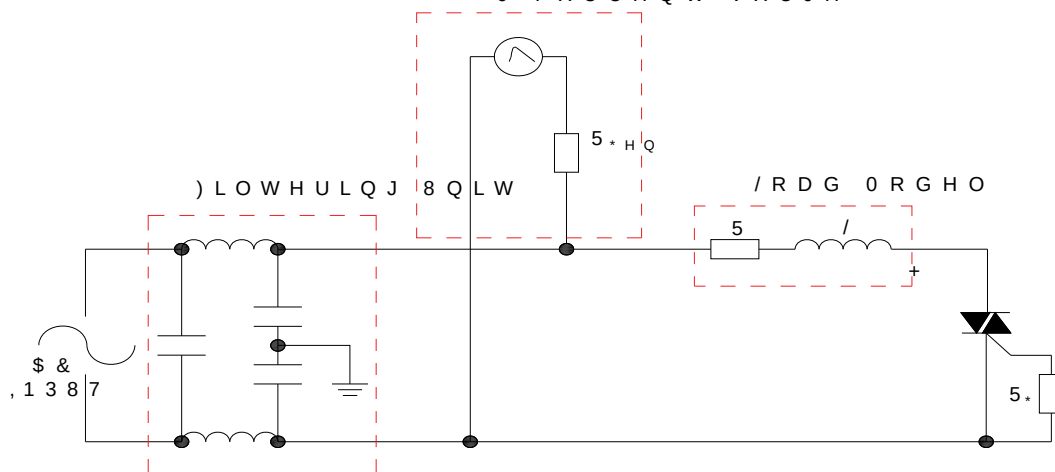
FIG.3: 6XUJH SHDN RQ VWDWH FXUUHQW YHUVXV
QXPEHU RI F\FOHV



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, ( &                6 W D Q G D U G V
  6 X U J H * H Q H U D W R U
    6 Y R O W D J H V X U J H
      6 F X U U H Q W V X U J H

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5HIHU WR WKH DSSOLFDWLRQ QRWH 3SRUMLHQ\ 17 KQVWUXFKV RORHQ 3 DIFRNUJH
- L H Microelectronics.

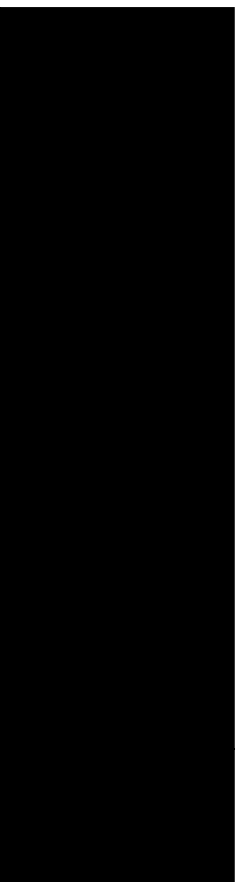
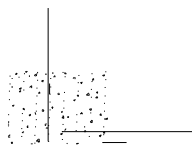
K Z Z / E ' / E & K Z D d / K E

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

Document Revision History

' D W H	5 H Y L V L R Q	& K D Q J H V
\$ S U	\$	/ D V W X S G D W H G
2 F W	\$	5 H Y L V L R Q . \$ * (0 (& + \$ 1 , & \$ / ' \$ 7 \$

W < ' D , E / > d



,QIRUPDWLRQ IXUQXFKHQ ILQ WKOLHGRHG WR EH DFFXUDWH D
 -LDQJ VX -LH-LH 0LFURHOHFWURQLFV &R\ I\WUGWKH\XRIQW HQRX
 XVH ZLWKRXW FRQVKGHQLDWRDURQ QRU XVH EH\RQG LW ,
 WKL V GRFXPHQWKLDQV\XZNLMAVR XWR QRMLW HZ KDSD DQ DUBPHW H
 VLJQH G -LDQJVXOILHVLZILWRKPWKH DJUHHPHQW
 3URGXFVV DQG LQIRUPDWKLRQSRFXFLGHG KDYH QR LQIULQJ
 -LDQJ VX -LH-LH DVVXIPHLOQR\URVSDQWIRQKHQJWHPJQWW RI W
 SDUWLHV ZKLFK PDMXN\XROIW XURKPSWBBD\WVRQDQK ILQGRFXPH
 VXSHUVHGHV DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXV
 LV D UHJLVWHUHGDQJXGHLHDUNIRUFULRHOWHFWURQLFV &
 &RS\ULJKW < -LDQLFURHLOHHEWURQUEYK\RV U\WGHUS\HOG