

\$& - 7 + & : \$ 7 5 , \$ & 5HY \$

^ Z / W d / KEW

7KH \$& - 7 + & : WULDF LV VXLWDEOH IRU JHQHUDO SXUSR
 \$& VZLWFKLQJ , W FDQ EH XVHG DV DQ 21 2)) IXQFWLRQ LQ
 DSSOLFDWLRQV V'KODDWRQDLQGXFWLRQ PRWRU
 VWDUWLQJ FLUF'RQWROR'SHKDDWLRQ LQ OLJKW
 GLPPHUV PRWRU'SHUHG FR'R7 + & :
 HPEHGV D 796 VWUXFWXUH WR DEVRUE WKH LQGXFWLYH WX
 HQHUJ\ VXFK DV WKRVH GHVFULEHG LQ WKH , (&
 VWDQGDUGV 3DFNDJH 72 LV 5R+6 FRPSOLDQW

D / E & dhZ ^

6 \ PERO	9DOXH	8QLW
,7 506		
9'50 9'50		9
,*7		P\$

		\$

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

3DUDPHWHU	6 \ PERO	9DOXH	8QL
6WRUDJH MXQFWLRQ WHPSHU'WXUH UDQJH			
2SHUDWLQJWH'SHU'WXUH UDQJH		7	
5HSHWLWLYH SHDN RII VWDWH'YROWDJH 7			9
5HSHWLWLYH SHDN WH'YROWDJH 7			9
506 RQ VWDWH'FXUUHQW 7 ,7 506			
1RQ UHSHWLWLYH VXUJH SHDN RQ VWDWH FXUUHQW			\$
IXOO F'FO'V W7			
1RQ UHSHWLWLYH VXUJH SHDN RQ VWDWH FXUUHQW			\$
IXOO F'FO'V W7			
, W YDOXH IRU PXVLQJ W	, W		\$ V
&ULWLFDO'RWDWH'FXUUHQW			\$ V
; h,*7 l +]M 7			
3HDN JDWH'FXUUHQW W	,*0		\$
\$YHUDJH JDWH SRZHU GLV'DLRQ 7			
3HDN JDWH SRZHU	3*0		:

\$ & - 7 + & : - LH-LH 0LFURHOHFWURQL

3HDN SXOVH YROWDJH 7M QRQ UHSHWLWLYH RII VWDWH), *	9SS	N9
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> dZ/ > , Z d Z^d/ XQOHVV RWKHUZLVH VSHFLILHG

6\PERO	7HVW &RQGLWLRQ	4XDGUDQW	9DOXH
,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 7	0,1	9 V
G, GW	F G9 GW F 9 V	70,1	\$ PV
WQ	,* P\$ \$, P\$ 5, P\$	7 < 3	V
W ₁₁	7M		
9&/	&/ P,\$s WP V	0,1	9

^d d/ , Z d Z/^d/ ^

6\PERO	3DUDPHWHU	9DOXH 0\$;	8QLW
970	70 \$sW V M		
972	7KUHVKROG YRQWDJH	7	
5'	'\QDPLF UHVLVMDQFH	7	P
,50	9' 9'50 \$ 9550	7M	
,550		7M	

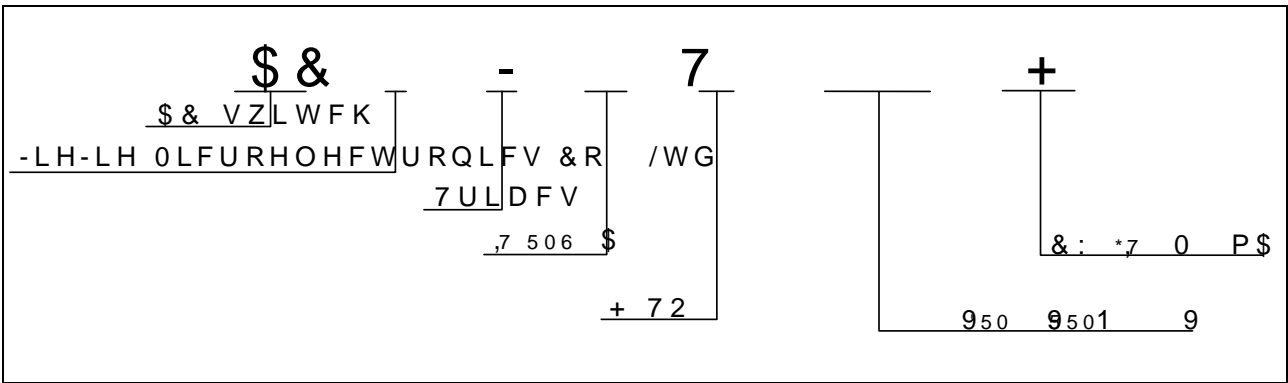
d, ZD > Z ^/^d E ^

6\PERO	3DUDPHWHU	9DOXH	8QLW
5WK M F	MXQFWLRQ WR FDVH \$&		:
5WK M D	MXQFWLRQ WR DPELHQW \$&		:

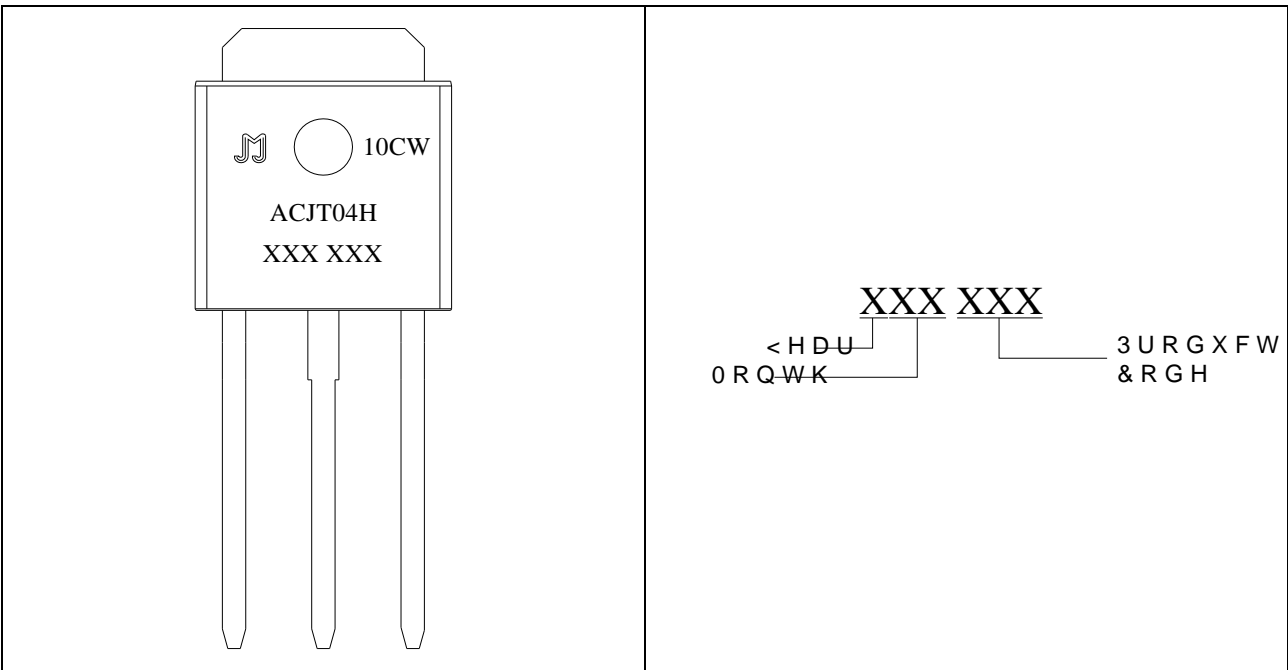
\$ & - 7 + & :

- LH - LH 0LFURHOHFWURQL

KZ Z/E' /E&KZD d/KE



D Z < /E'



\$ & - 7 + & :

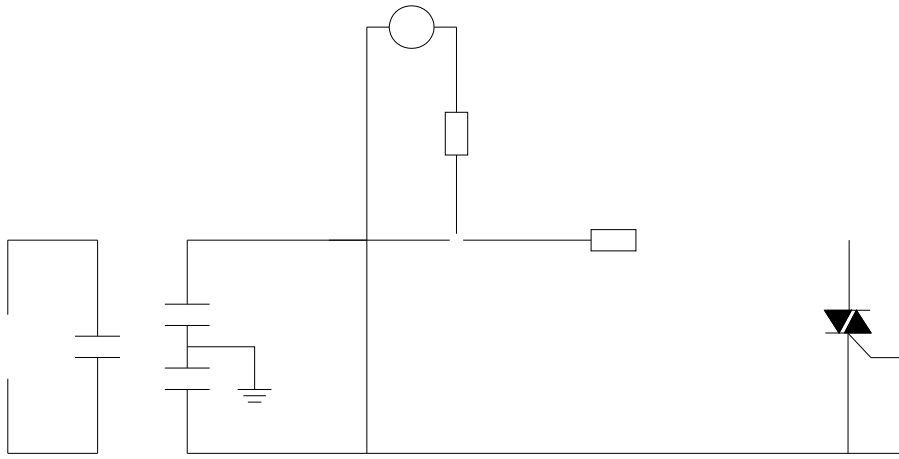
- LH - LH 0LFURHOHFWURQL

), * 0D[LPXP SRZHU GLVVLSDWLRQ YHUVXO65RQ VWDWH FXUUHQW YH
RQ VWDWH FXUUHQW WHPSHUDWXUH

\$ & - 7 + & :

- LH - LH 0LFURHOHFWURQL

), * Ö7HVW FLUFXLW IRU LQGXFWLYH DQG UMVQGVUJGH OF



\$&-7 + &:

-LH-LH 0LFURHOHFWURQL

KZ Z/E' /E&KZD d/KE

2UGHU FR	9ROWDJ 9'50 9'50 9	,*7 P\$	3DFNDJ	%DVH SFV	'HOLYHU\ PRGH
\$&-7 + &:			72		7XEH

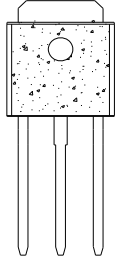
'RFXPHQW 5HYLVLRQ +LVWRU\

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

\$ & - 7 + & :

- LH - LH 0LFURHOHFWURQL

W < ' D , E / > d



,QIRUPDWLRQ IXUQXPHQW LQ WKOLHGRHG WR EH DFFXUDWH D
 -LDQJVV -LH-LH 0LURRHOHFWURHOHFWURQL UHRSRQVLEERQVHT
 RI XVH ZLWKRXW FRQVLGHUDWLRQ IRG MWFKQLQIRUPDWLRQ
 LQ WKLV GRFXPHQW LQJXZLWHFRXWRQRWLFH DSDUW IURP V
 VLJQH -LDQJVSOLHVLZILFRPWKH DJUHHPHQW
 3URGXFWV DQG LQIRUPDWLRQ GRFXPHQW KDYH QR LQIULQJ
 -LDQJVV -LH-LH DVVXIPHLOQRUIRUSRQWIRQKHQJWHJKWWRIWH
 SDUWLHV ZKLFK PDXVXROW XFKPSWBDFWRQDQILQGRFXPH
 VXSHUVHGHV DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXV
 LV D UHJLVWHUHGDWJDXGLFDUNRUFURHOHFWURQLFV &
 &RS\ULJKW < -LDQJVRHOHEMURQUEYK&RV UHWGHUSHG