



JOCMC37C-M4

Rev.A.1.0

DESCRIPTION:

7KH SURGXFWV DUH SLQ RSWLFDO QHOD\ 7KH GHYLFH F
\$O*D\$V LQIUUDHG HPSXWWLVQDGHRCSSWLFDOO\ FRXSOHG WR
KLJK YROWDJH RXWSLXWLQHDWBOVWVWLFL 023 SDFNDJH
7KH GHWHFWRU FRQVLVWV RI D KLJK VSHHG SKRWRYROWDL
DQG GULYHU FLUFXLWUH ZLGH SURGXFWLQJ PHDVXULQJ
DQG WHVWLQJ HTXLSLGHQDVVWHHXSULWHHQGLRQ PDUNHW
LQGXVWULDO PDFKLQHU\ DQG HTXLSPHQW

MAIN FEATURES

+LJK LVRODWLURQV
6LQJOH &KDQQHO 1RUPDOO\ &ORVHG 6LQJOH 3ROH 6LQJOH
2SHUDWLQJ WHPSHUJHWXUH WR f &
5(\$+ 5R+6 FRPSOLDQFH
+%0 + \$ 00 0 &'0 &
&4& DSSURYHG
9'(DSSURYHG
8/ DSSURYHG

ABSOLUTE MAXIMUM RATINGS 7HP SHUDWXUH f &

Parameter		Symbol	Value	Unit
,QSXW	)RUZDUG &XUUHQW ,)			
	3HDN)RUZDUG &XUUHQW		7	\$
	5HYHUVH 9ROWDJH 9 ₅			
	,QSXW 3RZHU 'LVVLSDWLRQ		3	
2XWSXW	/RDG 9ROWDJH	9 ₂		
	&RQLQXRXV ORD G FXUUHQW ,			
	2XWSXW 3RZHU 'LVVLSDWLRQ		3	P:
7RWDO 3RZHU 'LVVLSDWLRQ		3 _{WRW}		P:
,VRODWLRQ 9ROWDJH		9 _{LVR}	8	



NOTE1 íîî ... • %oîµ ò,î Ÿ Æ <µ ϕ v ÇĀ ģ B

ORDERING INFORMATION

- LH-LH - 2 & 0 & &

Characteristics Curves

FIG.1: I_{DS} vs V_{GS} and V_{DS} vs I_{DS} Characteristics Curves

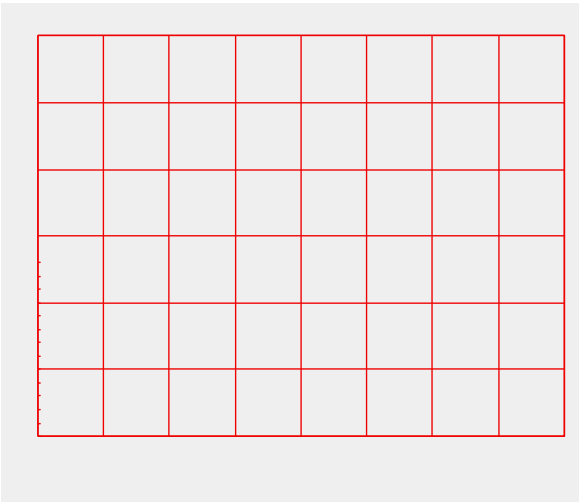


FIG.7: 7XUQ 2Q 7LPH YV \$PELHQW 7HPSHUDWXUH

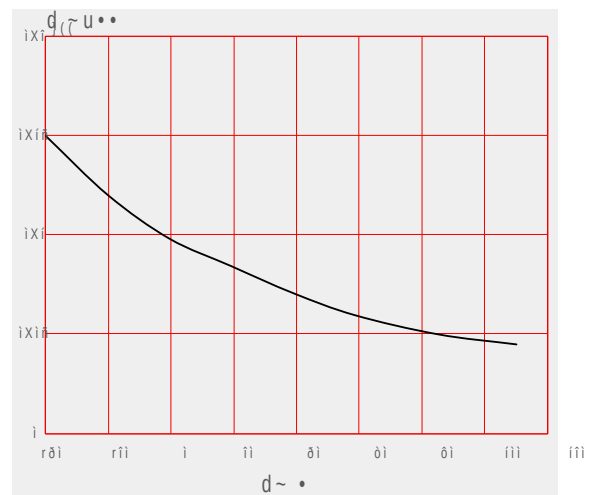
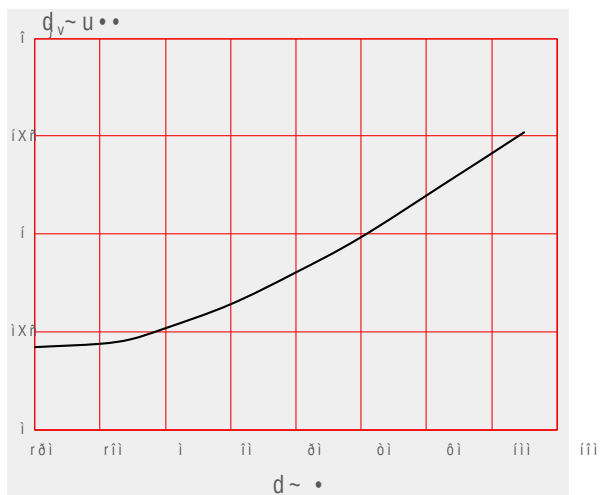


FIG.9: 7XUQ 2Q 7LPH YV /(')RUZDUG &XUHHQW

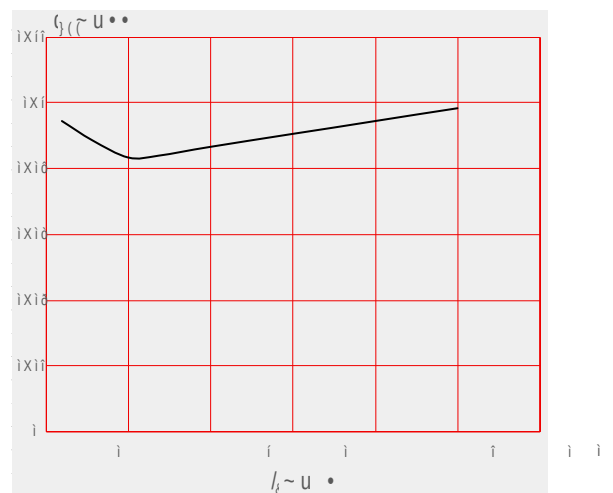
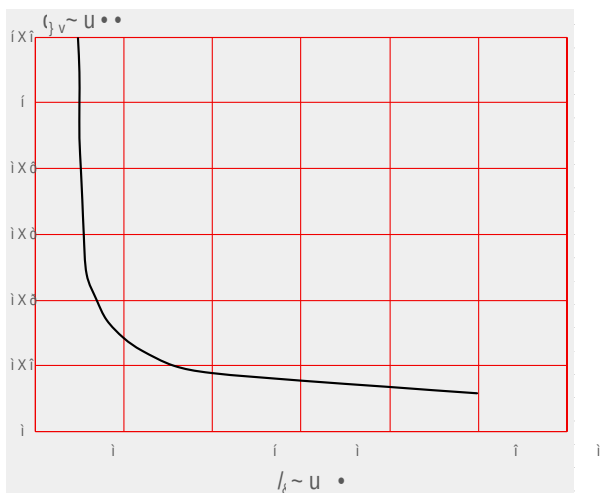
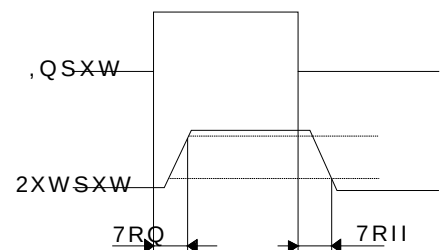
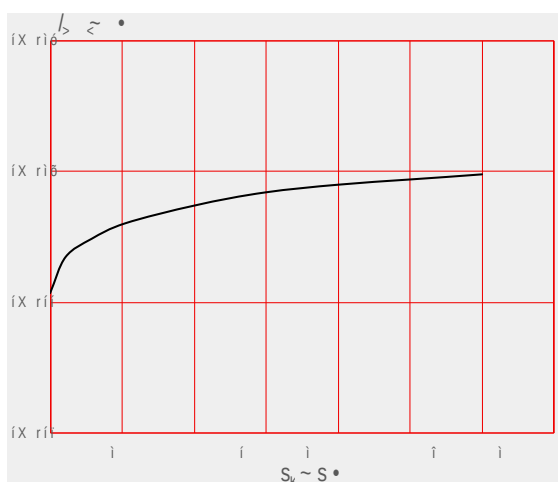
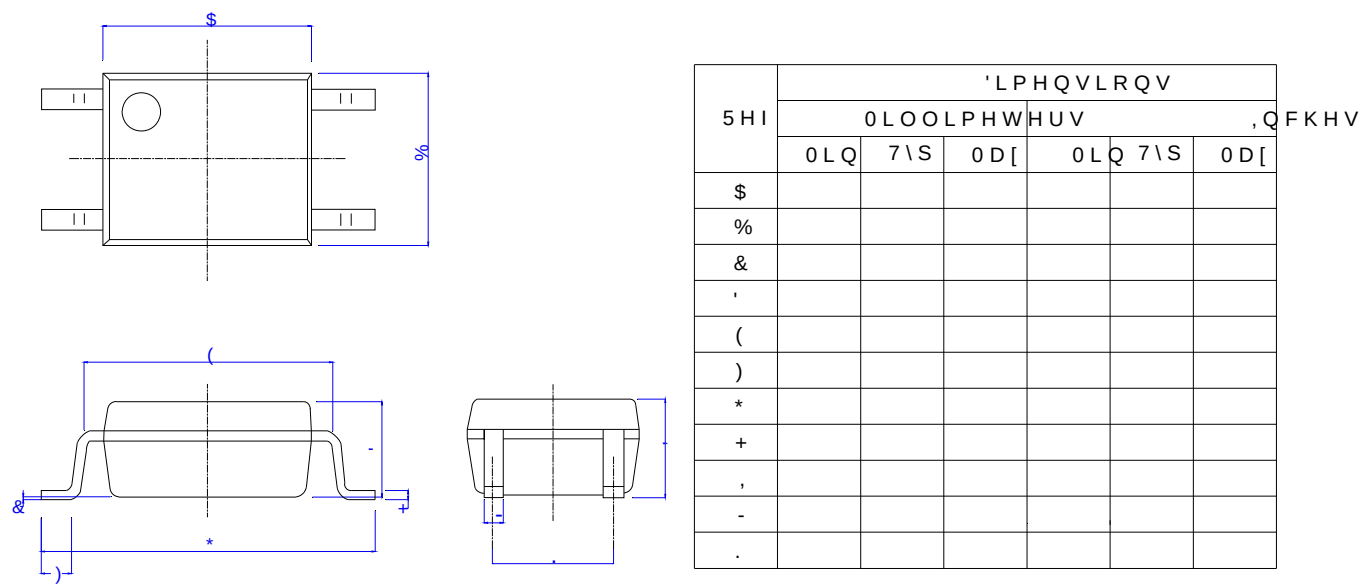


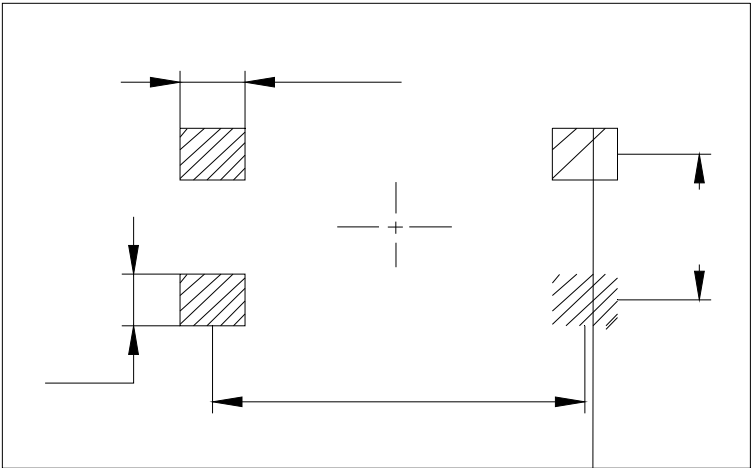
FIG.11: 2II 6WDWH /H DQW HY &XUUD G 9 FIG.12 Turn on/Turn off time



Package Dimension (Unit: mm)

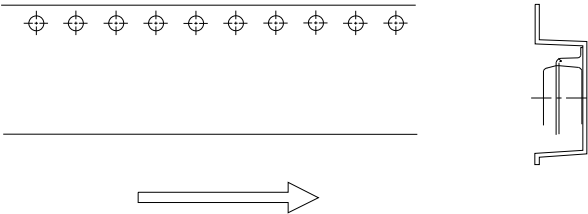


RECOMMENDED SOLDER MASK (Dimensions in mm unless otherwise stated)

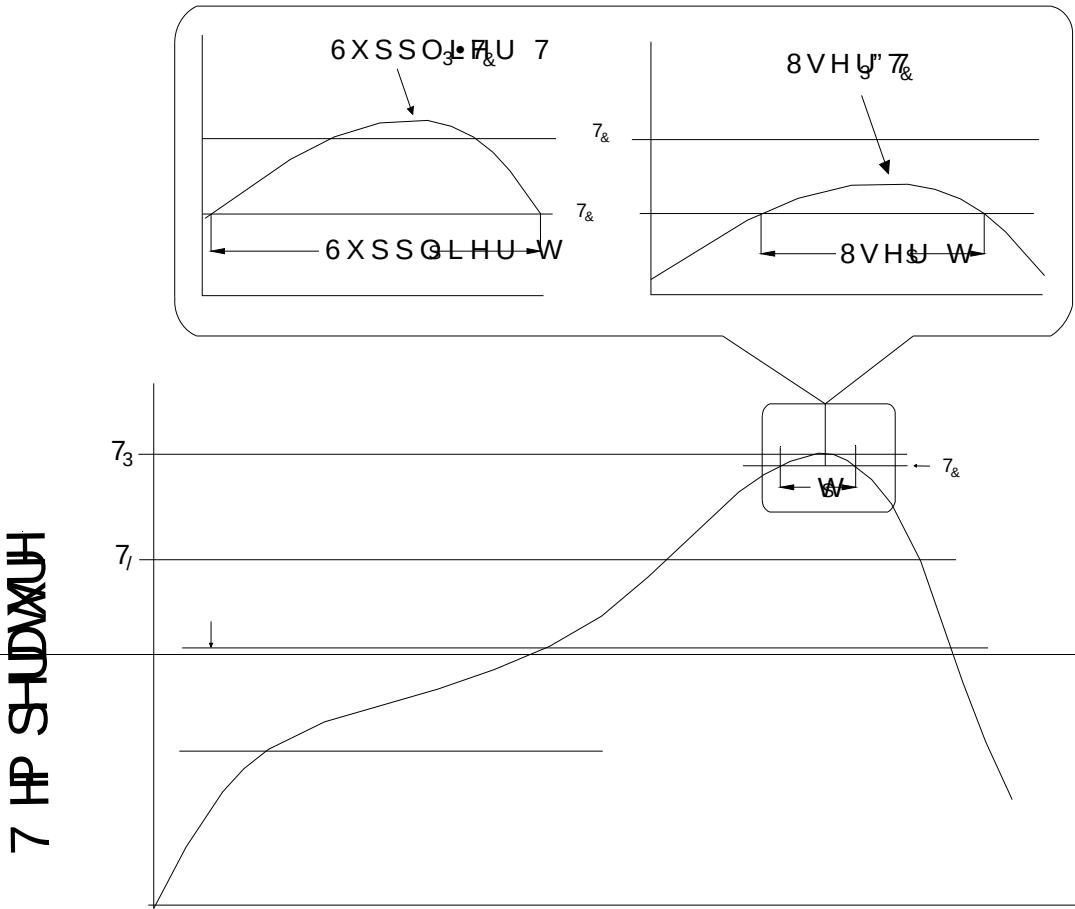


CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)

Option None



REFLOW INFORMATION





1RWH

5HIORZ VROGHULQJ LV UHFRPPHQGHG DWRVQHQRHPSEHHDWKKUHWKDU
 \$YRLG GLUHFV FVQWDFSRBEEVZHQHQWRUDFRHV H[FHHGLQJ LWV PD
 VWRUDJH WHPSHUDWXUH

\$SSOLFDWLRQ KHSUHSVXELURKQZMSOHGDDWHG WHPSHUDWXUHV ,QV
 VFHQDULRV DQHDSSOLHQWRHFFHHG 1

(QVXUH WKH FRPSRQHGW KDV FRROHG SURRERHGHQVWHPSHUDWXU
 PDQXIDFWXULQJ VWHSV

7KH FRPSRQHGWKH BV DQVKHDIUOZKHQVWDQGHGKFRQGLWLRQV

5HFRPPHQG VWRUDJH 7HPS a f&

5HFRPPHQG VWRUDJH KXPLGLW\

06/ OHYHO 06/

,QIRUPDWLRQ IXUQXPHQW ILQVWKOLHGRHG WR EH DFFXUDWH I
 -LDQJVV -LH-LH 0LRRHWHGWDVROXLFHVQLRVUHVSRQVHLERQVHT
 RI XVH ZLWKRXW FRQVLGHUDWLRQ IRG MWFKQIRUPDWLRQ
 LQ WKLV GRFXPHQW LQJHXLWKFVWQRWLH DSDUW IURP V
 VLJQH -LDQJVSOLHVLZLWKPKH DJUHHPHQW

3URGXFV DQG LQIRUPDWLRQ SURYLGHG LQ HQWVRGSDXPH
 -LDQJVV -LH-LH DVVXPHLOQW\URVSDQVLQIULQJHPPHQW RI RW
 ZKLFK PD\ UHVXOW IURP WKH XVH RI VFKL SURFXPHQW DQGS HL
 DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXVO\ VXSSOLHG



LV D UHJLVWHUHGDQJXGHLPHUNRLFURHWHFWURQLFV &R
 &RS\UKJKW -LDQJVV -LH-LH CLVRRHWHFWURQLFV UHVH