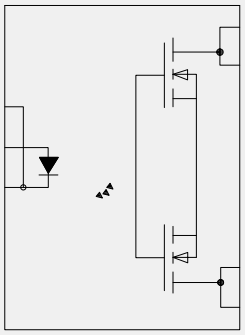
JOCMAB1Ch-L12 Series

Rev.A.1.0

DESCRIPTION:

7KH SURGXFWV DUH UHOSDLQ R7KHLGHY
DQ $O*D$V LQIUDGUHRGH PLQWSXWQJ WDJ
FRXSOHG WR D KLJK YROWDJH RXWS LUFXL
FRQVLVWV RI D KLJKOWSDHHGGSRRWRY U
FLUFXLWU\ WR VZLWFKHRQHRKLJKZYRR
7KH UHOD\ DFWLRQ ZLWK D PLQLPXP W RI P
WKURXJK WKH LQSXWH/(HW7KZHLWKODQ H
RI 9 RU OHVV 7KHZLSGHRG\XFWHVGDLQH
DXWRPRWLYH EDWWHU\ PDQDJHPHQV PRELO
DQG SRZHU V\VWHPWLQQJXOLDQWGLXRVQWUL
DQG (05 UHHG UHOD\ UHSODFHPHQW



MAIN FEATURES:

+LJK LVRODW9LURPQV
6LQJOH FKDQQHO QORHU3RROH\6RLQJ6OLHQ
2SHUDWLQJ WHPSHUDWXUH UDQJH
5($&+ 5R+6 FRPSOLDQFH
+%0 + $ 00 0 &'0 &
&4& DSSURYHG
9'(DSSURYHG
8/ DSSURYHG
$(&4 DSSURYHG

ABSOLUTE MAXIMUM RATINGS 7HPSHUDWXUH f&

Parameter		Symbol	Value	Unit
,QSXW	)RUZDUG &XUUHQW	)	,	
	3HDN)RUZDUG &XUUHQW	,)3	7	$
	5HYHUVH 9ROWDJH	95		
	3RZHU 'LVVLSDWLRQ	3'		
2XWSXW	6ZLWFKLQJ 9ROWDJH	2	9	9
	&RQWLQXRXV /RDG &XUUHQW	,2		
	3RZHU 'LVVLSDWLRQ	3&		P:
2SHUDWLQJ 7HPSHUDWXUH		7RSU	a	
-XQFWLRQ 7HPSHUDWXUH		7M		

6WRUDJH 7HPSHUDWXUH	7VWJ	a	
7RWDO 3RZHU 'LVVLSDWLRQ	3WRW		P:
,VRODWLRQ 9ROWDJH	9LVR	8	9UPV
6ROGHULQJ 7HPSHUDWXUH	7VRO		

NOTE1 íìì…• ‰ µìì•ì(Œ ‹µ v Ç

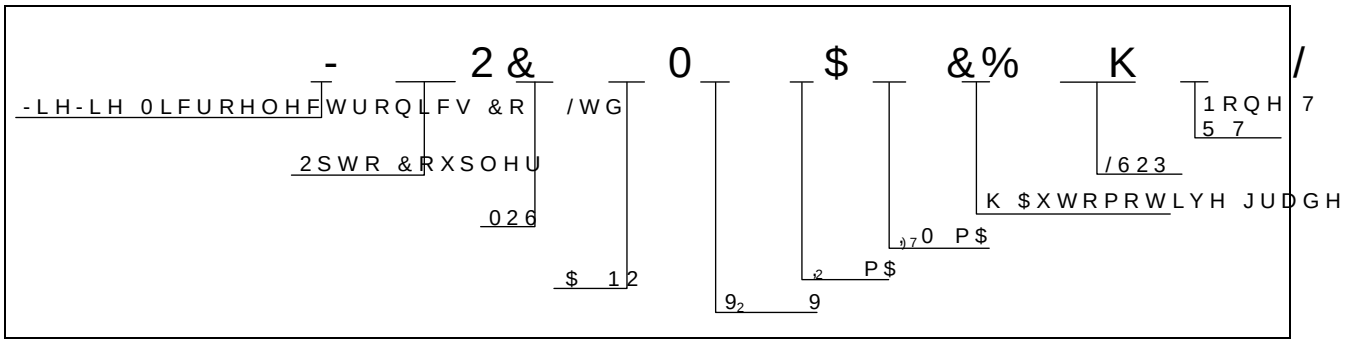
NOTE2 (}Œ íu]vµš U ZX,XAðì•òì9

ELECTRICAL CHARACTERISTICS 7HPSHUDWXUH ƒ &

Parameter		Symbol	Condition	Min.	Typ.	Max.	Unit
,QSXW	)RUZDUG 9ROWDJH	,)	) 9P$	,			9
	5HYHUVH &XUUHQW	,5	5 9,	9			$
	7HUPLQDO &DSDFLWDQFHI	,W	9 0+&				S)
2XWSXW	2II VWDWH /HDNDJH &XUUHQW	,2))	2 9	9			$
	21 5HVLVWDQFH	521	,2 ,2 0$; ,) P$				
7UDQVIHU &KDUDFWHULVWLFV	/(' 7ULJJHU &XUUHQW	,)7	2 ,2 0$;	,			
	5HVHW &XUUHQW	,)2))	2 ,2 0$;	,			
	)ORDWLQJ &DSDFLWDQFH	,2	9 I 0+]	&			S)
	,VRODWLRQ 5HVLVWDQFH	5,62	'& 9 a 5 +				

aˆH"ñ ° 7`N L W9„ 2 0 "ˆ0 H;

ORDERING INFORMATION



Packing Quantity	
Option	**Quantity**
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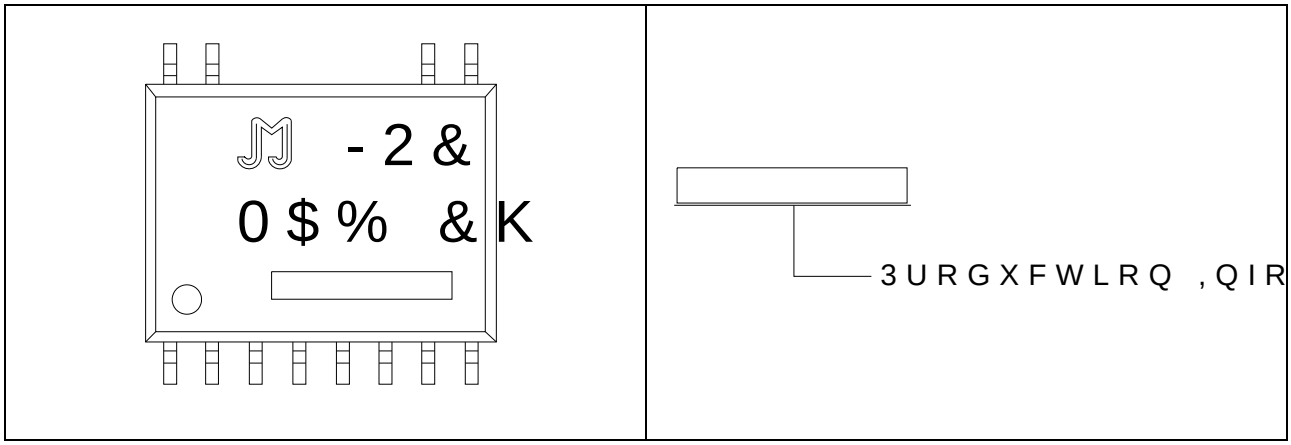
MARKING



Characteristics Curves

FIG.1:)RUZDUG &XUUHQW YV)RUZDUG 9RO[WDJH

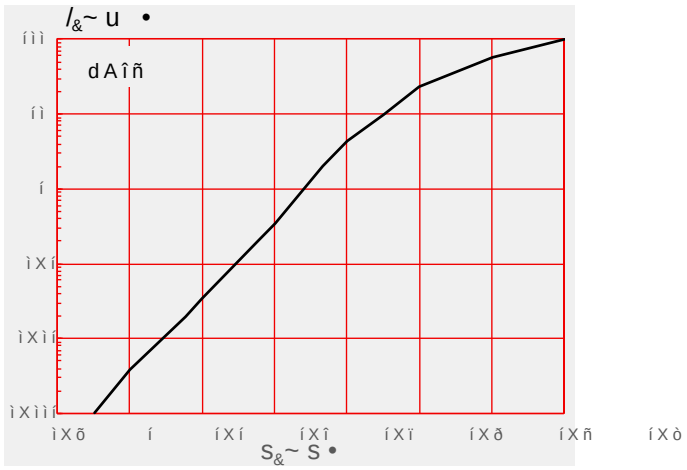


FIG.2: 9RO[WDJH /(')RUZDUG YV $PELHQW 7HPSHUDWXUH

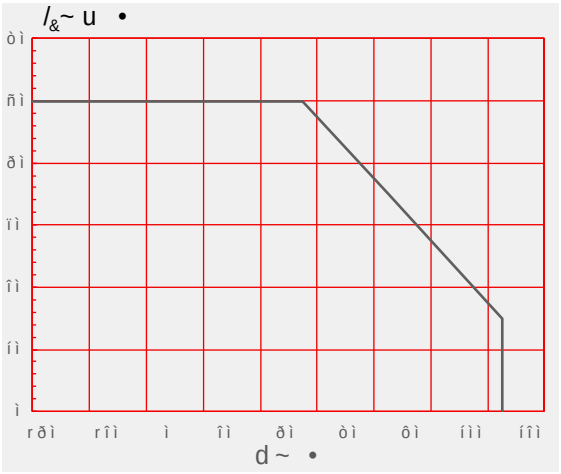


FIG.3: /(' 2SHUDWH &XUUHQW YV $PELHQW 7HPSHUDWXUH

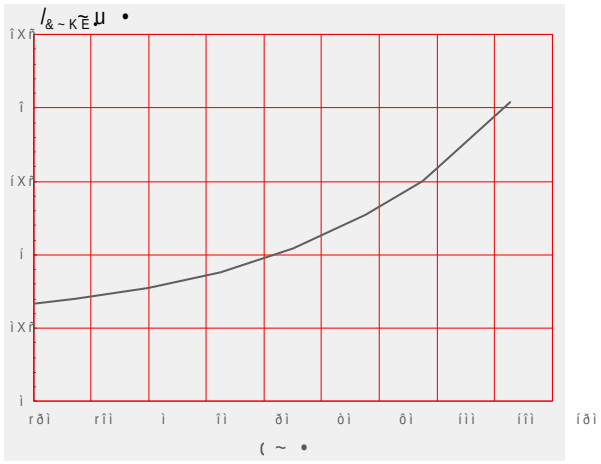


FIG.4: 2Q 5HVLVWDQFH YV $PELHQW 7HPSHUDWXUH

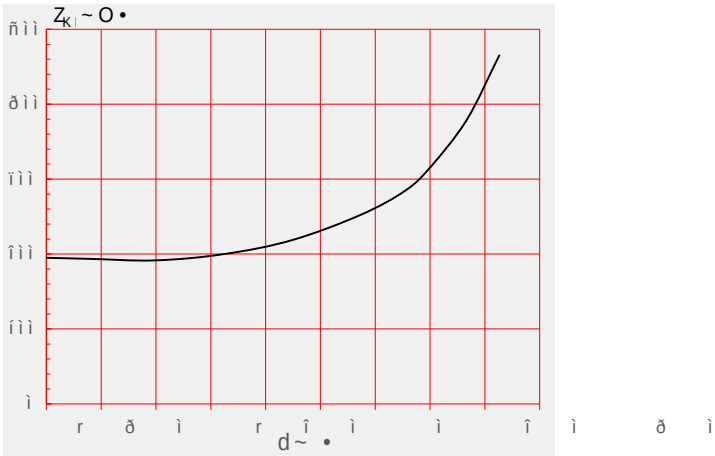


FIG.5: 7XUQ 2Q 7LPH YV $PELHQW 7HPSHUDWXUH

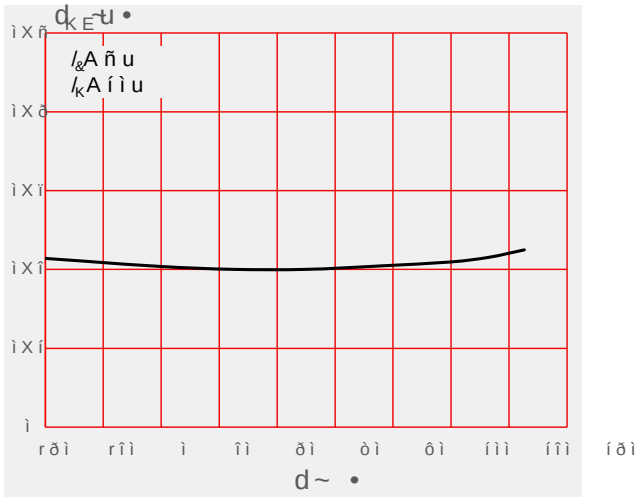
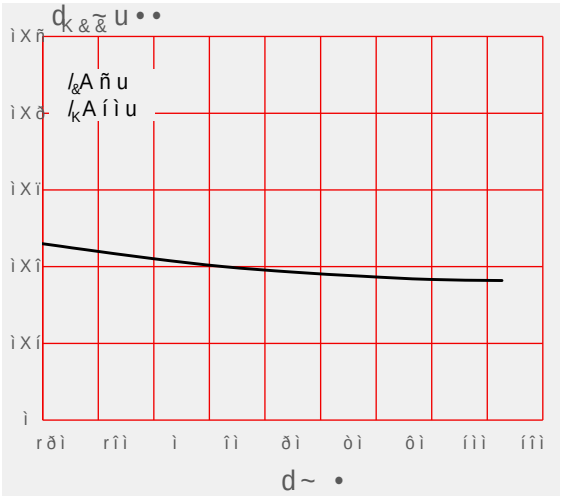
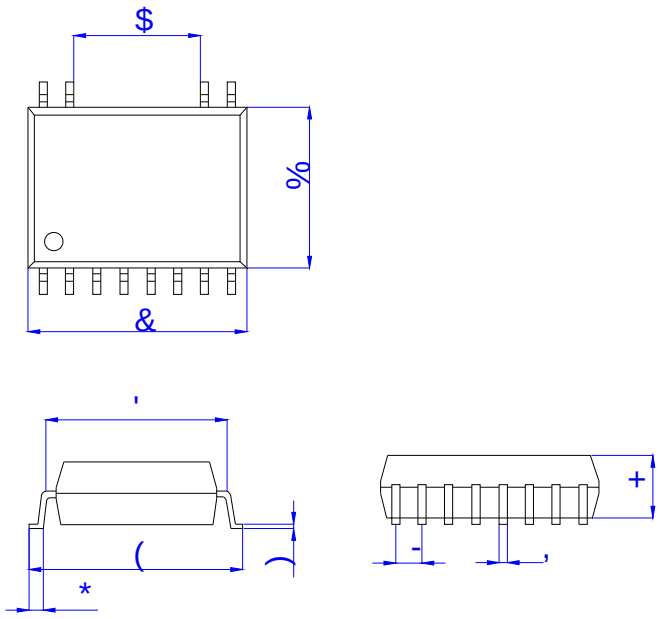


FIG.6: 7XUQ 2Q 7LPH YV $PELHQW 7HPSHUDWXUH



Package Dimension (Unit: mm)

Standard DIP Type:



	'LPHQVLRQV					
5HI	0LOOLPHWHUV			,QFKHV		
	0LQ	7\S	0D[	0LQ	7\S	0D[
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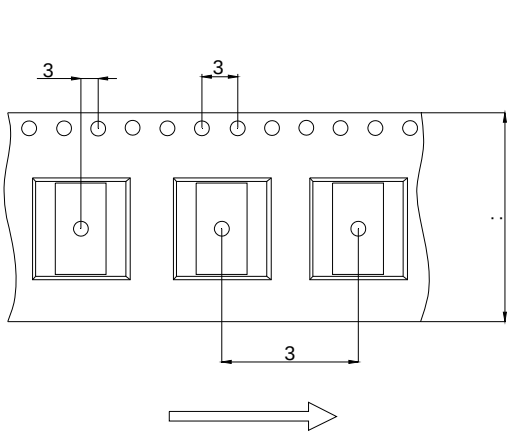
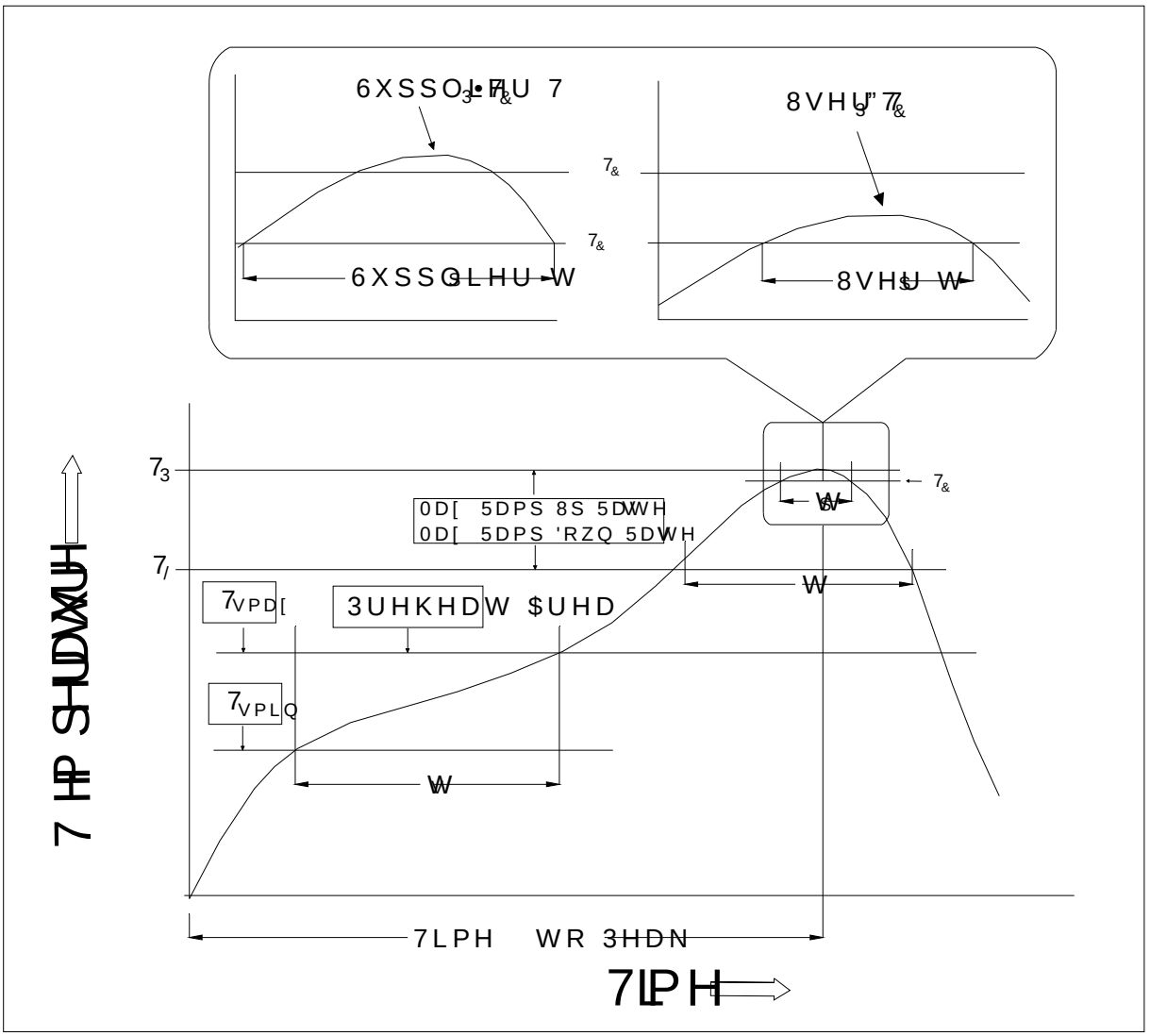
CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)



5HI	'LPHQVLRQV					
	0LOOLPHWHUV			,QFKHV		
	0LQ	7\S	0D[	0LQ	7\S	0D[
3						
3						
3						
7						
:						

REFLOW INFORMATION



Profile Feature	Sn-Pb Assembly Profile	Pb-Free Assembly Profile
7HPSHUDWXUH 0LQ	7VPLQ	
7HPSHUDWXUH 0D[	7VPD[	
7LPH WV IURP 7VPLQ WR 7VPD[		VHFRQGV
5DPS XS 5DWH W/ WR W3HDN		VHFRQG PD[
/LTXLGXV 7HPSHUDWXUH 7/		
7LPH W/ 0DLQWDLQHG $ERYH 7/		VHFRQGV
3HDN %RG\ 3DFNDJH	7HPSHUDWXUH	
7LPH W3 ZLWKLQ	VHFRQGV	VHFRQGV
5DPS GRZQ 5DWH	73 WR 7/ VHFRQG	VHFRQG
7LPH WR 3HDN 7HPSHUDWXUH		PLQXWHV PD[

1RWH

5HIORZ VROGHULQJ LV UHFRPPHQGHG DVWKRZQ LQ WKH QRHPSRUWDWWKDQHWRK

$YRLG GLUHFW FRQWDFWSRE[HQEGZGQWRXOD FRHU H[FHHGLQJ LWV PD
VWRUDJH WHPSHUDWXUH

$SSOLFDWLRQ RKHSUHSRV\XEURGRQLWLSOHGDWHG WHPSHUDWXUHV ,Q V
VFHQDULRV DQ\HDPSXOLQGRWRH[FHHG 1

(QVXUH WKH FRPSRQHQW KDV FRROHG VURDFHEWKQDQZLXSVHUDXHQ
PDQXIDFWXULQJ VWHSV

7KH FRPSRQHQW HKDV EQVHKHOLZKHQVWRUGHGXQHRHQGLWLRQV

5HFRPPHQG VWRUDJH 7HPS a f&

5HFRPPHQG VWRUDJH KXPLGLW\

06/ OHYHO 06/

,QIRUPDWLRQ IXUQXVKHG LQ WKLV GRFXPHQW LV EHOLHYHG WR EH DFFXUDWH
-LDQJVX -LH-LH 0LFURHOHFWURQLFV &R /WG DVVXPHV QR UHVSRQVLELOLW
RI XVH ZLWKRXW FRQVLGHUDWLQ IRU LWV FKDUDFWHULVWLFV RU DQ\ LQIULQ
LQ WKLV GRFXPHQW DQG JUDQWV QR OLFHQVH XQGHU DQ\ SDWHQW RU RWKHU
VLJQHG -LDQJVX-LHVLZHLMRKPWKH DJUHHPHQW
3URGXFWV DQG LQIRUPDWLRQ SURYLGHG LQ WKLV GRFXPHQW
-LDQJVX -LH-LH DVVXPHVOLQR\UHVSRQ\VLQIULQJHPHQW RI RW
ZKLFK PD\ UHVXOW IURP WKH XVH RI V7XKLV SURGXFW DQG SH
DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXVO\ VXSSOLHG
LV D UHJLVWHUHG DQGJUDGH-LHHD-UN RLF-UR H/WHG WURQLFV &R
&RS\ULJKW -LDQJVX -LH-LH 0LFURHOHFWURQLFV &R/WG $OO UHVH