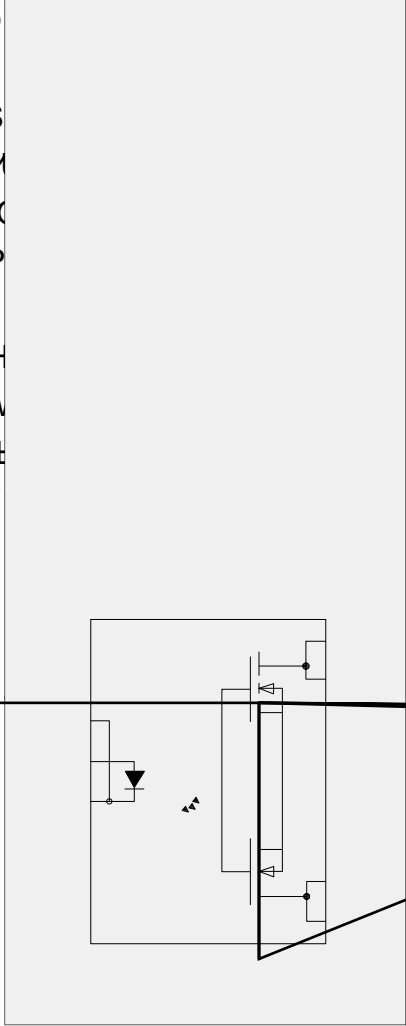




DESCRIPTION:

7KH SURGXFWV DUHHOSLQ R7KMLG B O
DQ \$O\*D\$V LQIU DGLRG H FLQSW WQV WDJ
FRXSOHG WR D KLJK YROWDJH RXWS
FRQVLVWV RI D KLJK WSHLFGGSRBW RY
FLUFXLWU\ WR VZLWFKLHVRK LJKZRR
7KH UHOD\ DFWLRQ ZLWK D PLQLXP
WKURXJK WKH LQSWWHV'HWKZLWKODD
RI 9 RU OHVV 7KHZ ISGROXKWHVGDUQ
DXWRPRWLYH EDWWHU\ PDQDJHPHQV
DQG SRZHU V\VVWHF WLIQQXOLDQGLXRVW WLE
DQG (05 UHHG UHOD\ UHSODFHHPHQW



LUFXL
U
W RI P
H
PRELOI

MAIN FEATURES:

- +LJK LVRODWLURFQV
6LQJOH FKDQQHO QRHUBROE\6RQJ6LH
2SHUDWLQJ WHP SHUDWXUH UDQJH
5(\$&+ 5R+6 FRPSOLDQFH
+%0 + \$ 00 0 &'0 &
&4& DSSURYHG
9'( DSSURYHG
8/ DSSURYHG
\$(&4 DSSURYHG

ABSOLUTE MAXIMUM RATINGS 7HP SHUDWXUH f &

Table with 4 columns: Parameter, Symbol, Value, Unit. Rows include ratings for VGS, VDS, ID, and switching times.

6WRUDJH 7HP SHUDWXUH	7 <sub>VWJ</sub>	a	
7RWDO 3RZHU 'LVVLSDWLRQ	3 <sub>WRW</sub>		P:
,VRODWLRQ 9ROWDJH	9 <sub>LVR</sub>	8	9UPV
6ROGHULQJ 7HP SHUDWXUH	7 <sub>VRO</sub>		

NOTE1 íì... • %o µì0; (Æ <µ v Ç

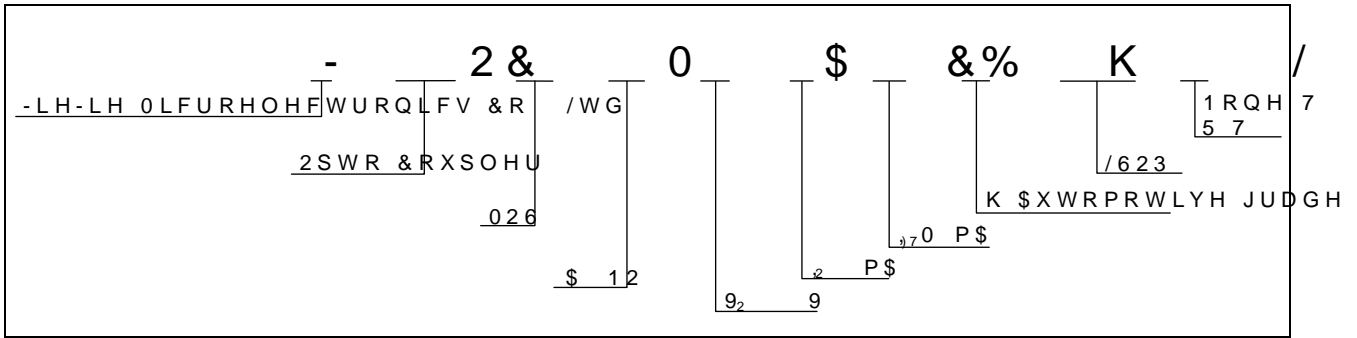
NOTE2 (}Æ íu]vµš U ZX, XA òì• òì9

ELECTRICAL CHARACTERISTICS 7HP SHUDWXUH f &

Parameter		Symbol	Condition	Min.	Typ.	Max.	Unit
, Q SXW	)RUZDUG 9ROWDJH	) P \$	,				9
	5HYHUVH &XU UHQW	5 9	9				\$
	7HUPLQDO &DSDFLWDO QFH 0+&						S)
2XWSXW	2II VWDWH /HDNDJH &XU UHQW	2 9 9					\$
	21 5HVLVWDQFH <sub>21</sub>	2 2 0\$; ) P \$					
7UDQVIHU &KDUDFWHULVWLFV	/( ' 7ULJJHU &XU UHQW	2 2 0\$;	,				
	5HVHW &XU UHQW	2 2 0\$;	,				
	)ORDWLQJ &DSDFLWDO QFH <sub>1</sub> 0+]	9 1 0+] &					S)

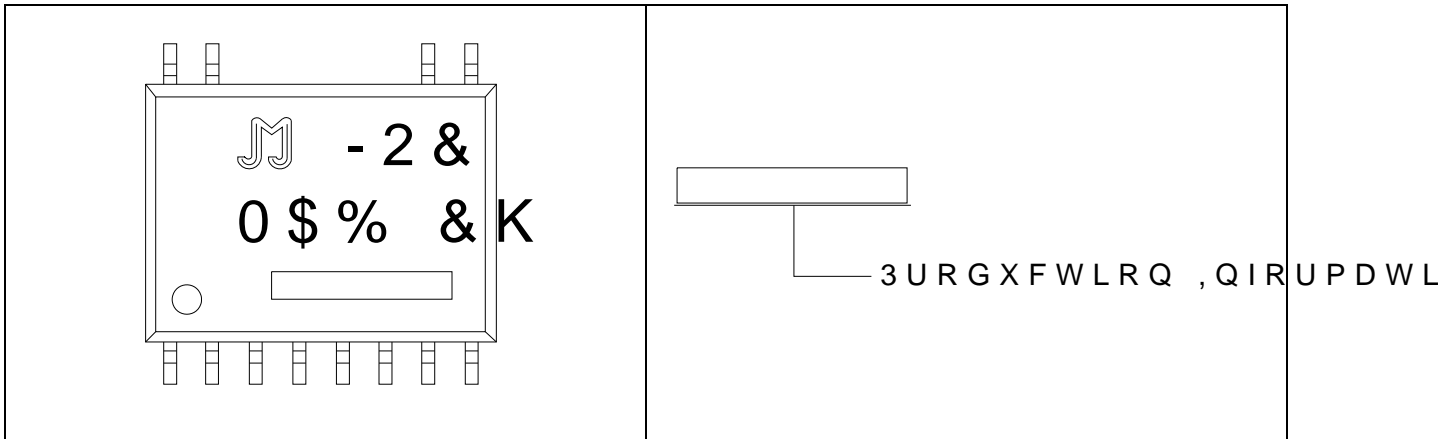
,VRODWLRQ 5HVLVWDQFH<sub>5</sub> + ; fy#0 ° C%x)&F` À pT0 , À pT0

ORDERING INFORMATION



Packing Quantity	
Option	Quantity
> ^KW íî	íîîî hv]š•IZ o

MARKING

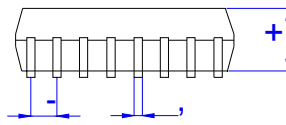
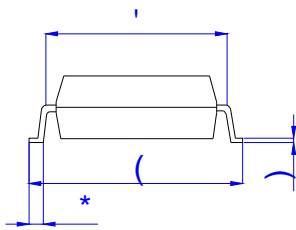
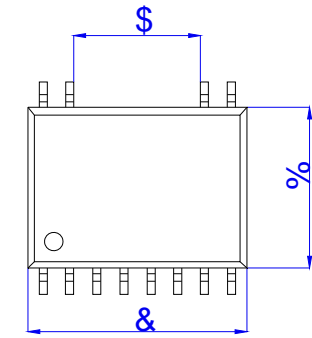






Package Dimension (Unit: mm)

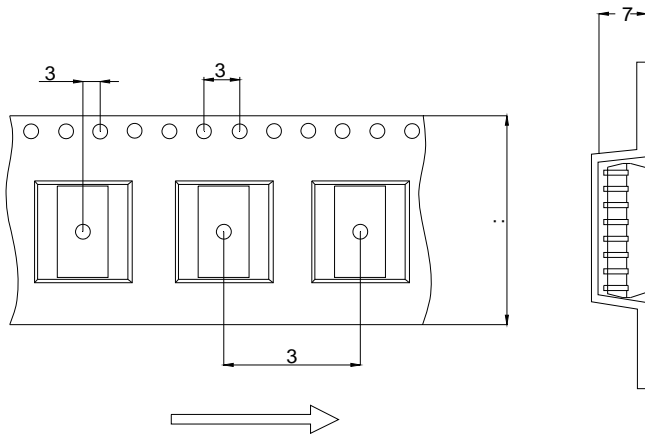
Standard DIP Type:



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

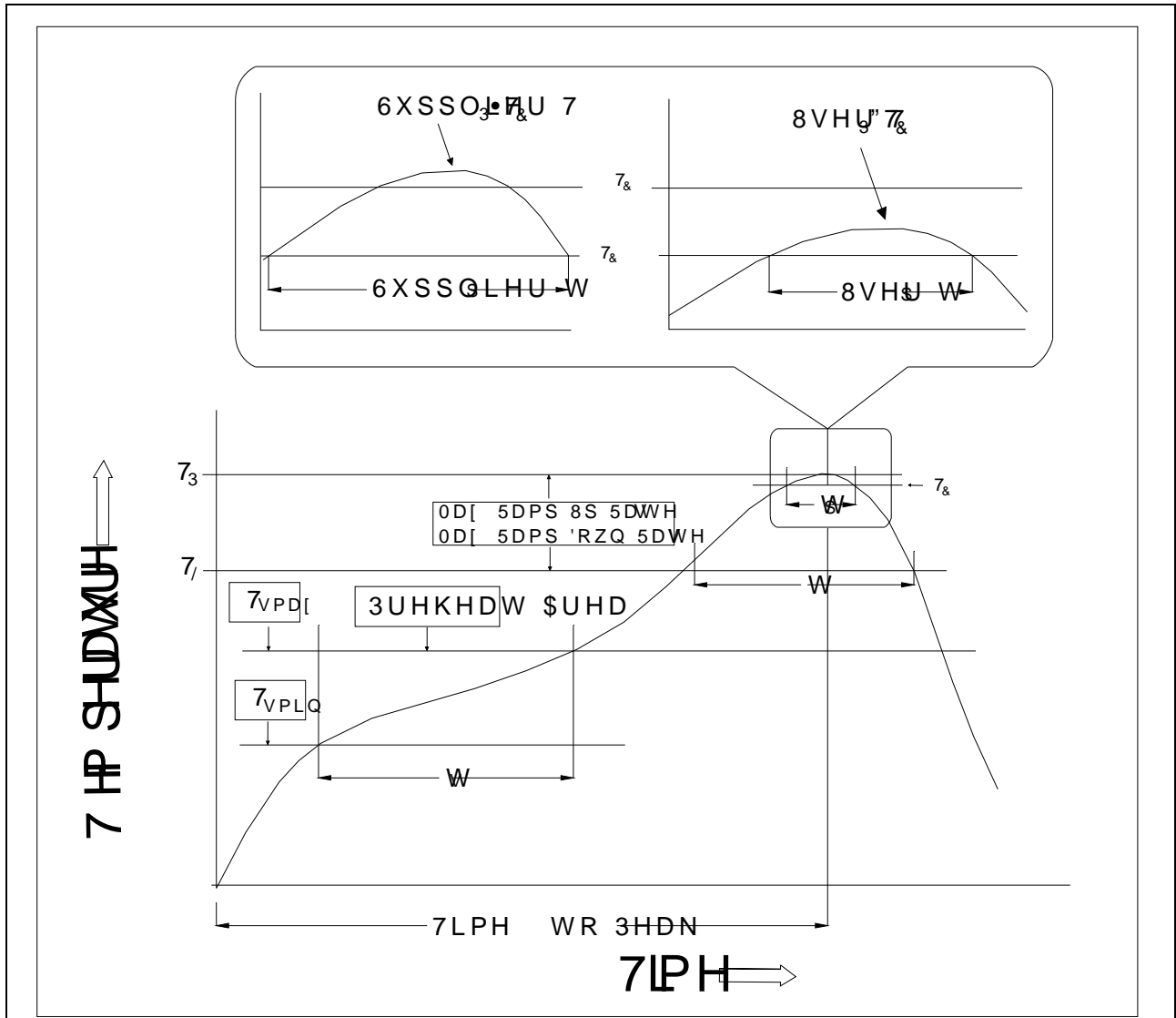
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CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)



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
7HP SHUDWXUH 0LQ	7VPLQ	
7HP SHUDWXUH 0D[	7VPD[	
7LPH WV IURP 7VPLQ WR 7VPD[		VHFRQGV
5DPS XS 5DWH W/ WR W	VHFRQG PD[	VHFRQG PD[
/LTXLGXV 7HP SHUDWXUH 7/		
7LPH W/ 0DLQWDLQH \$ERYH 7/		VHFRQGV
3HDN %RG\ 3DFNDJH	7HP SHUDWXUH	
7LPH W3 ZLWKLQ		VHFRQGV
5DPS GRZQ 5DWH 73 WR 7/	VHFRQG	VHFRQG
7LPH WR 3HDN 7HP SHUDWXUH		PLQXW RQ PD[

1RWH

5HIORZ VROGHULQJ LV UHFRPPHQGHG/ DWRZKH QHPSHWDWWDQW DQW D  
\$YRLG GLUHFV FRQVHDVSRPHQZDQWWRUDFRU H[FHHGLQJ LWV PD  
VWRUDJH WHPSHUDWXUH

\$SSOLFDWLRQ RKHSURVXENRQLVSOHGDWGH WHPSHUDWXUHV ,QV  
VFHQDULRV DQHPSVOLGRWRHFFHHG 1

(QVXUH WKH FRPSRQHQW KDV FRROHG SURPHQVHQDQWZLXPSWHDXHCL  
PDQXIDFWXULQJ VWHSV

7KH FRPSRQHQW KDV BQKHODUZKHQVWDQGHGKFRGLWLRQV

5HFRPPHQG VWRUDJH 7HPS a f&

5HFRPPHQG VWRUDJH KXPLGLW\

06/ OHYHO 06/

,QIRUPDWLRQ IXUQXPHQW ILQ WKOLHGRHG WR EH DFFXUDWH D  
-LDQJVVX -LH-LH 0LRRHOWHG WDVROLFHVQLRVUHRUSRQHLERQVHT  
RI XVH ZLWKRXW FRQVLGHUDWLRQ IRG MWFKQJURPDVWLRQ  
LQ WKLV GRFXPHQW LQJYXZLWHFRXWRQRWLFH DSDUW IURP V  
VLJQHGH -LDQJVVXOLHVLZILFRKPWKH DJUHHPHQW

3URGXFVW DQG LQIRUPDWLRQ SURYLGHG LQJHQPWKWVRG RSDXPH  
-LDQJVVX -LH-LH DVVXIPHLOQW\URVSRQVLQIUHQJHPPHQW RI RW  
ZKLFK PD\ UHVXOW IURP WKH XVH RI VXLK SURFXPHQW DQGS HL  
DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXVO\ VXSSOLHG



LV D UHJLVWHUHGDQWJDXGLFDUNRUFURHOWHFWURQLFV &R  
&RS\ULJKW -LDQJVVX -LH-LH CLVRRHOWHFWUSFOOLHGLJKWV UHVH