



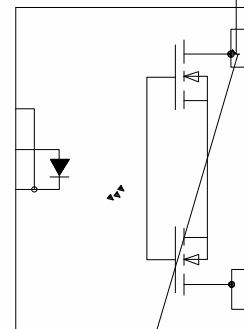
DESCRIPTION:

7KH SURGXFWV DUH HOSLQ RSKMLG B D
DQ \$O*D\$V LQIU DGLRG H FLQSW WQV WDJ
FRXSOHG WR D KLJK YROWDJH RXWS
FRQVLVWV RI D KLJK WSHLFGGRBWRDY
FLUFXLWU\ WR VZLWFKLHQRKLJKZRR
7KH UHOD\ DFWLRQ ZLWK D PLQLPXP
WKURXJK WKH LQSWXWHV'HWKZLWKODDQ
RI 9 RU OHVV 7KHZSGHROXKWHVGDUDQ
DXWRPRWLYH EDWWHU\ PDQDJHPHQW
DQG SRZHU V\ VWLQGXOLDQGLXRVW WLE
DQG (05 UHHG UHOD\ UHSODFHHPHQW

LUFXL
U
W RI P
H
PRELO

MAIN FEATURES:

+LJK LVRODWLURQV
6LQJOH FKDQQHO QRHUBROE\6RQJOLH
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			
	3RZHU 'LVVLSDWLRQ	3&		P:
2SHUDWLQJ 7HPSHUDWXUH		7 _{RSU}	a	
-XQFWLRQ 7HPSHUDWXUH		7 _M		

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

NOTE1 íîì... • %µ0;{Æ <µ v Ç
NOTE2 ({Æ íu]vµš U ZX,XAđì•òì9

ELECTRICAL CHARACTERISTICS 7HPSHUDWXUH f &

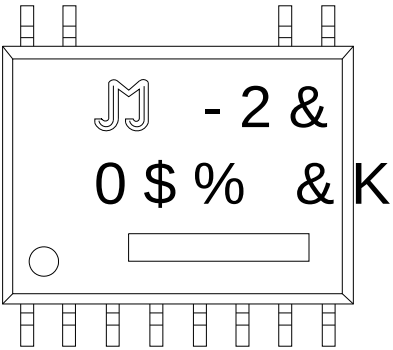
Parameter		Symbol	Condition	Min.	Typ.	Max.	Unit
,QSxw	)RUZDUG 9ROWDJH	) P\$	,				9
	5HYHUVH &XUQHqW	5 9	9				\$
	7HUPLQDO &DSDFLWDQFH I 0+&						S)
2XWSxw	2II VWDWH /HDNDJH &XUQHqW	2 9	9				\$
	21 5HVLVWDQFH ₂₁	,2 ,2 0\$;) P\$					
7UDQVIHU &KDUDFWHULVWLFV ,VRODWLRQ 5HVLVWDQFH ₅ +	/(' 7ULJJHU &XUQHqW	2 ,2 0\$;	,				
	5HVHW &XUQHqW ₁	2 ,2 0\$;	,				
	)ORDWLQJ &DSDFLWDQFH I 0+]	9 I 0+]	&				S)

ORDERING INFORMATION

- LH-LH 0LFURHOHF		-	2 &	0	\$	&%	K	/
WURQLFV &R		/WG						1RQH 7
		2SWR &RXSOHU						5 7
		026						/623
								K \$XWRPRWLYH JUDGH
								970 P\$
								2 P\$
								92 9
								\$ 12

Packing Quantity	
Option	Quantity
> ^ K W í î	î î î î h v] š • l Z o

MARKING

	
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Characteristics Curves

FIG.1:)RUZDUG &XUUHQW YV)RUZDUG &XUUHQW YV \$PELHQW 7HPSHUDWXUH

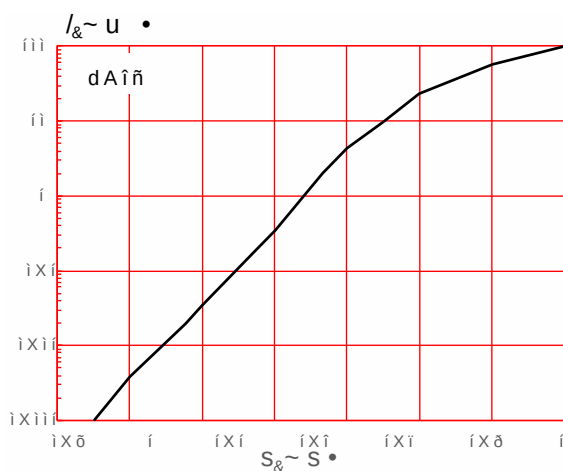


FIG.3: /(' 2SHUDWH &XUUHQW YV \$PELHQW 7HPSHUDWXUH

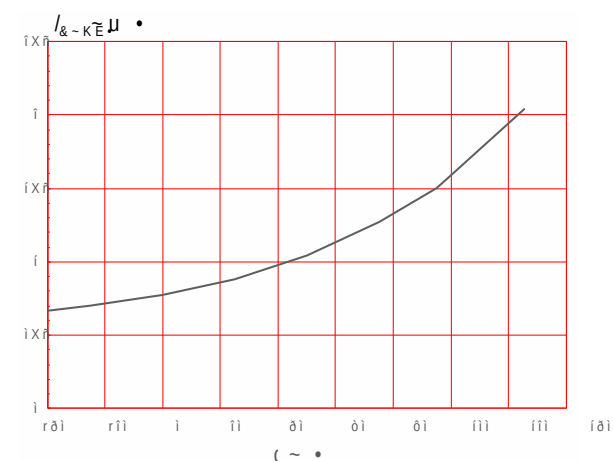


FIG.5: 7XUQ 2Q 7LPH YV \$PELHQW 7HPSHUDWXUH

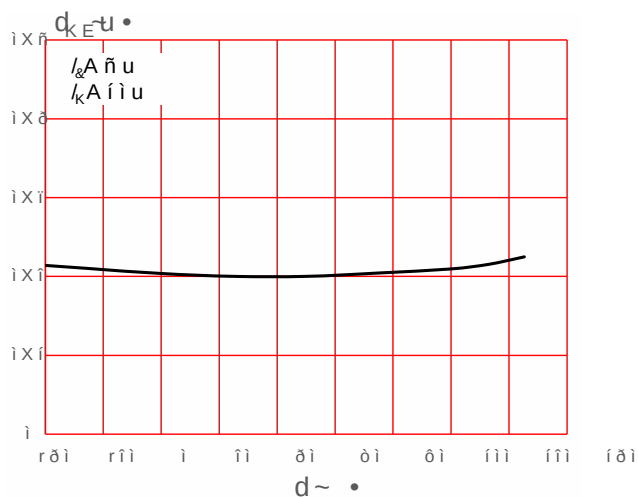


FIG.2:)RUZDUG &XUUHQW YV \$PELHQW 7HPSHUDWXUH

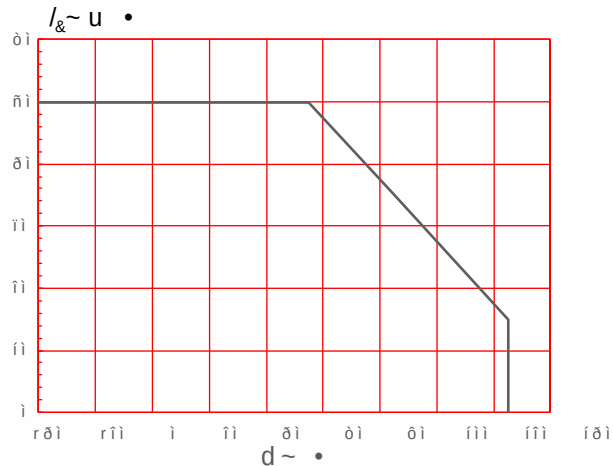


FIG.4: 7XUQ 2Q 7LPH YV \$PELHQW 7HPSHUDWXUH

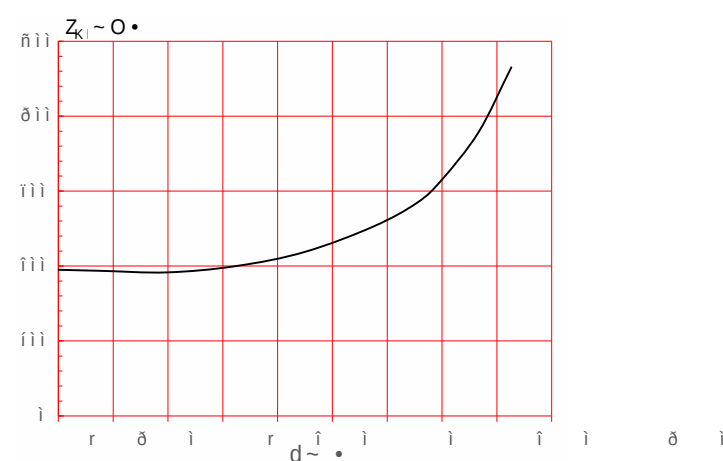
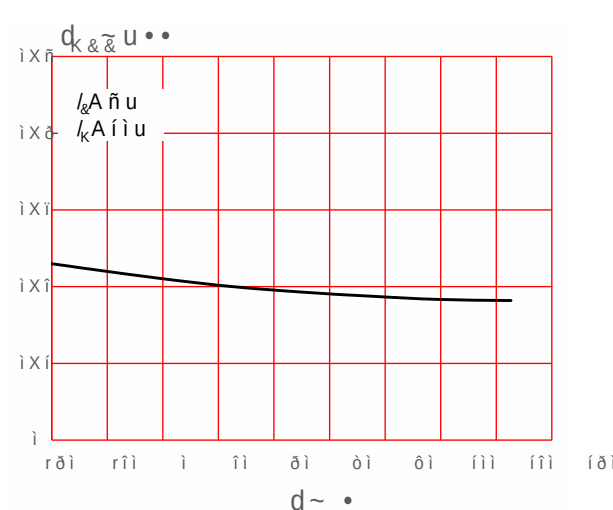
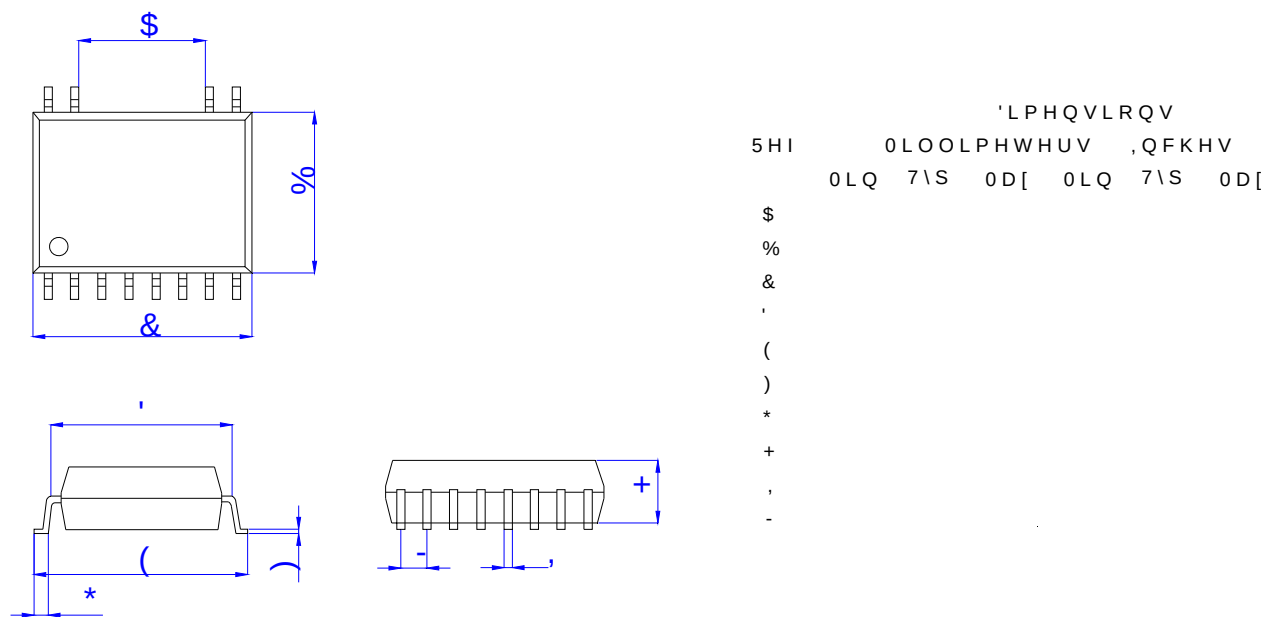


FIG.6: 7XUQ 2Q 7LPH YV \$PELHQW 7HPSHUDWXUH

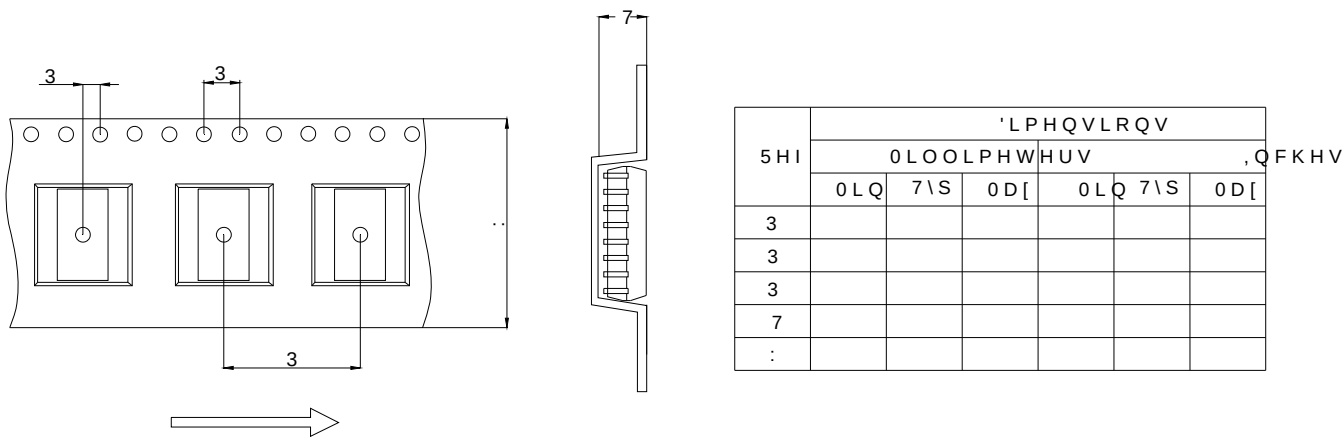


Package Dimension (Unit: mm)

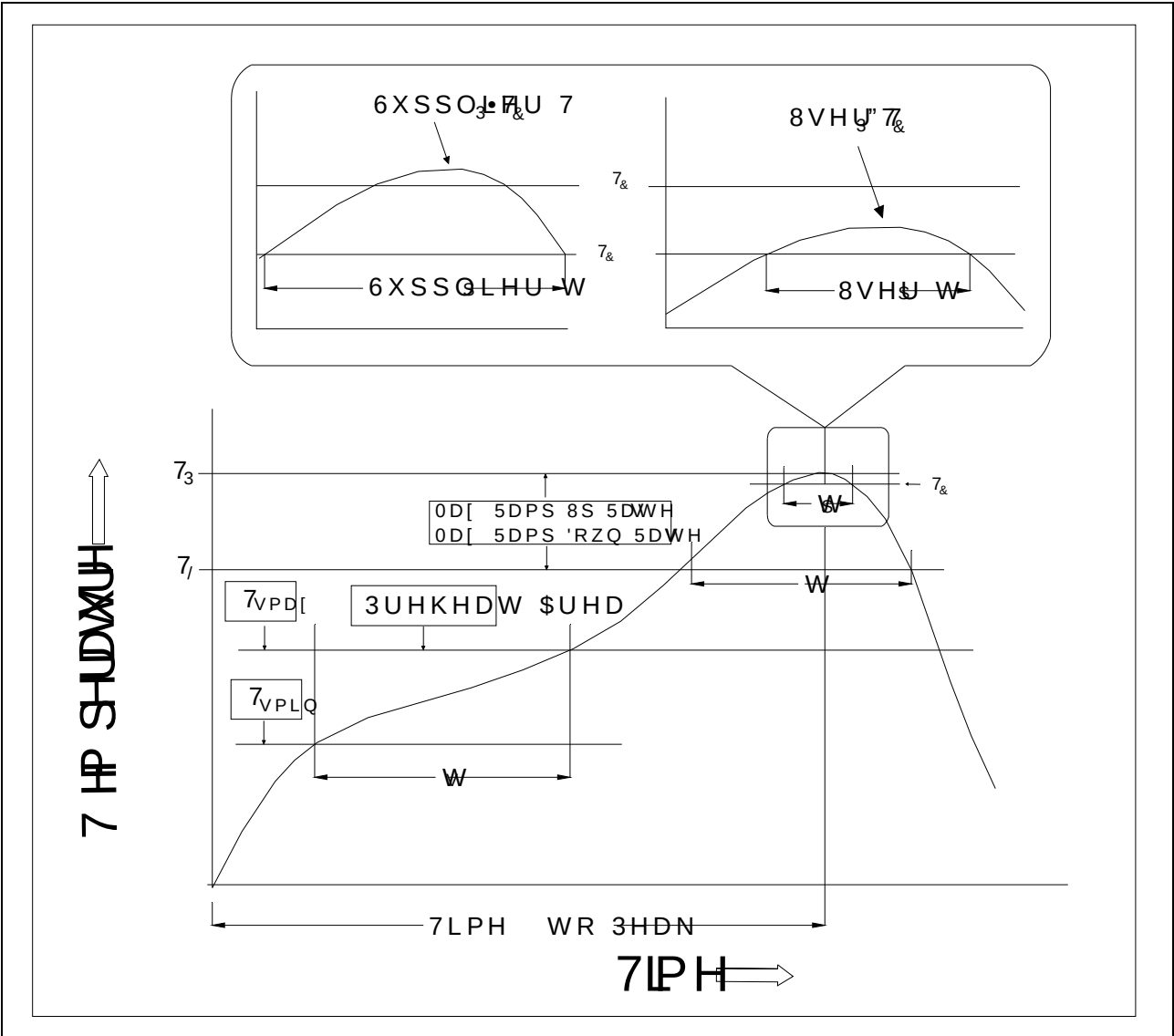
Standard DIP Type:



CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)



REFLOW INFORMATION



Profile Feature	Sn-Pb Assembly Profile	Pb-Free Assembly Profile
7HP SHUDWXUH 0LQ	7VPLQ	
7HP SHUDWXUH 0D[	7VPD[	
7LPH W V IURP 7VPLQ WR 7VPD[		VHFRQG V
5DPS XS 5DWH W/ WR W	VHFRQG PD[	VHFRQG PD[
/LTXLGXV 7HP SHUDWXUH 7/		
7LPH W/ 0DLQWDLQHG \$ERYH 7/		VHFRQG V
3HDN %RG\ 3DFNDJH 7HP SHUDWXUH		
7LPH W3 ZLWKLQ	VHFRQG V	VHFRQG V
5DPS GRZQ 5DWH 73 WR 7/	VHFRQG	VHFRQG
7LPH WR 3HDN 7HP SHUDWXUH	PLQXW VHV PD[	PLQXW VHV PD[

1RWH

5HIORZ VROGHULQJ LV UHFRPPHQGHG/ DWRZQH QHPSHWDWWDQWWDQW
 \$YRLG GLUHFV FRQWHDVSRPHQZDQVWRUDFHU H[FHHGLQJ LWV PD
 VWRUDJH WHPSHUDWXUH
 \$SSOLFDWLRQ RKHUSRYXERGRQWLSOHGDDWHG WHPSHUDWXUHV ,QV
 VFHQDULRV DQHPSVOLHQWRHFFHHG 1
 (QVXUH WKH FRPSRQHGW KDV FRROHG WRDFHFWLQDQVWRUDWVHQ
 PDQXIDFWXULQJ VWHSV
 7KH FRPSRQHGW KDV BQKHDDWZKHQVWRUDGDKFRQGLWLRQV
 5HFRPPHQG VWRUDJH 7HPS a f &
 5HFRPPHQG VWRUDJH KXPLGLW\
 06/ OHYHO 06/

,QIRUPDWLRQ IXUQXPHQW ILQWKOLHGRHG WR EH DFFXUDWH
 -LDQJYX -LH-LH 0LRRHWHGWDVQLFHVQLVUHVSRQVHLERQVHT
 RI XVH ZLWKRXW FRQVLGHUDWLRQ IRG MWFKQLQIRUPDWLRQ
 LQ WKLV GRFXPHQW LQJYXZLWHFRXWRQWLH DSDUW IURP V
 VLJQH -LDQJYXOLHVLZLWKPWKH DJUHHPHQW
 3URGXFV DQG LQIRUPDWLRQ SURYLGHGLQJHQRQVVRGSDXPH
 -LDQJYX -LH-LH DVVXPHLOQW\URVSDQVLQIULQJHPHQW RI RW
 ZKLFK PD\ UHVXOW IURP WKH XVH RI VXLV SURGXPHQW DQSHL
 DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXVO\ VXSSOLHG
 LV D UHJLVWHUHGDQJYXGLHUNRUFULRHWGHG WURQLFV &R
 &RS\UKJKW -LDQJYX -LH-LH OLVRHWHGWDVQLFGLJKWV UHVH