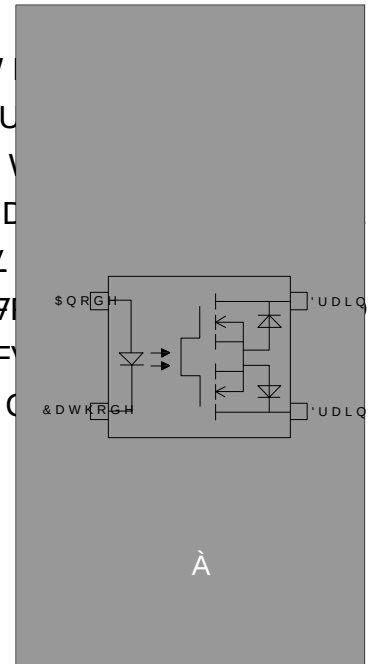




DESCRIPTION:

7KH SURGXFWV DUHODSVQ 7KSWGHDFH
VPDOO RXWODQHQRQRWRWUHOD\ VXLW
DVVHPEO\ ,W FRQVLVWV RI DQ LQIUDU
SKRWR 026)(7 DQG LV3KRXVSHDFNQJH ,V
D YHU\ VPDOO RQ UHVLVWDQFH DQG ID
KLJK IUHTXHQF\ VLJQDQW PDUNVQILWV
LQ KLJK VSHHG WHVWHVH7ZHGSHORGXV
WHVW HTXLSPHQW KLWVSHHGGRJKF
WHVWHUV DQG PHDVXULQJ LQVWUXPHQ



MAIN FEATURES

,VRODWLRQ YROMDJH
2SHUDWLQJ WHPSHUDWXUH f &
5(\$+ 5R+6 FRPSOLDQFH
+%0 + \$ 00 0 &'0 &
&4& DSSURYHG
9'(DSSURYHG
8/ DSSURYHG

ABSOLUTE MAXIMUM RATINGS 7HPSHUDWXUH f &

Parameter		Symbol	Value	Unit
,QSXW	)RUZDUG &XUUHQW ,)			
	3HDN)RUZDUG &XUUHQW		7	\$
	5HYHUVH 9ROWDJH 95			
	,QSXW 3RZHU 'LVVLSDWLRQ		3	
'HWHFWRU	2II VWDWH 2XWSXW 7HUPHQDO 92))			
	2Q VWDWH &XUUHQW 21			
	2Q VWDWH &XUUHQW 21SXOVHG ,			
,VRODWLRQ 9ROWDJH		9LVR	8	9UPV
2SHUDWLQJ 7HPSHUDWXUH		7RSU	a	
-XQFWLRQ 7HPSHUDWXUH		7M		
6WRUDJH 7HPSHUDWXUH		7VWJ	a	



6ROGHULQJ 7HPSHUDWXUH	7VRO		
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ORDERING INFORMATION

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Packing Quantity	
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Characteristics Curves

FIG.1: I_{DQ} vs V_{DS} for $V_{GS} = 0V, 1V, 2V, 3V, 4V, 5V$

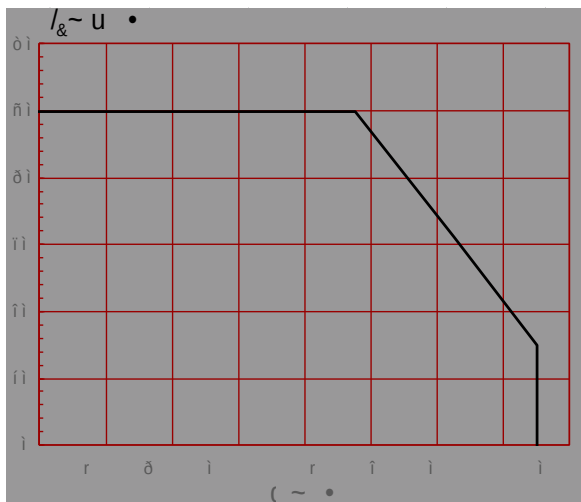


FIG.2: I_{DQ} vs V_{GS} for $V_{DS} = 10V, 20V, 30V, 40V, 50V$

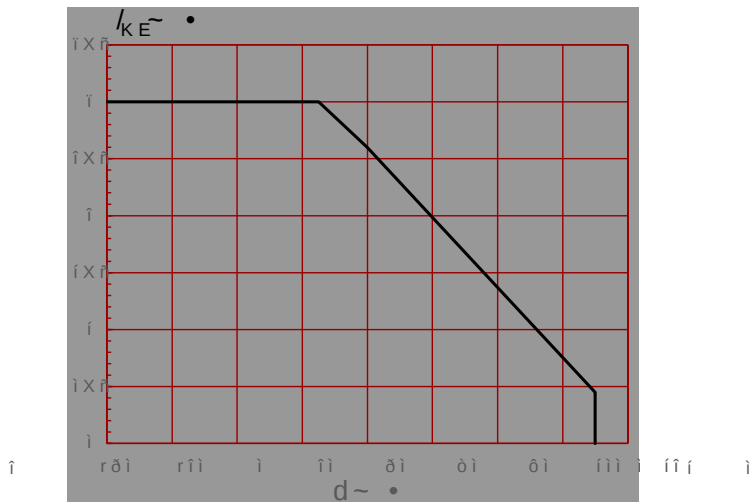


FIG.3: I_{DQ} vs V_{DS} for $V_{GS} = 0V, 1V, 2V, 3V, 4V, 5V$

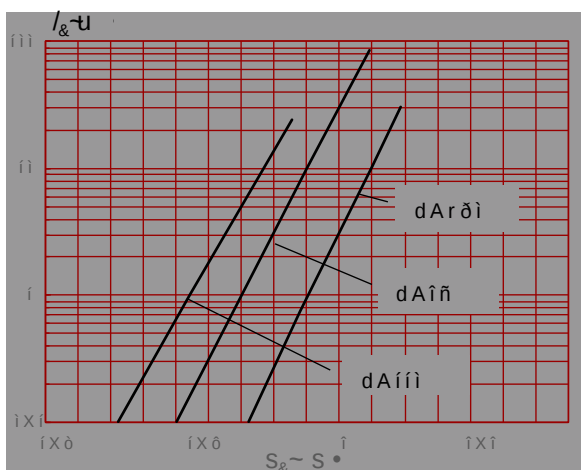


FIG.4: I_{DQ} vs V_{GS} for $V_{DS} = 10V, 20V, 30V, 40V, 50V$

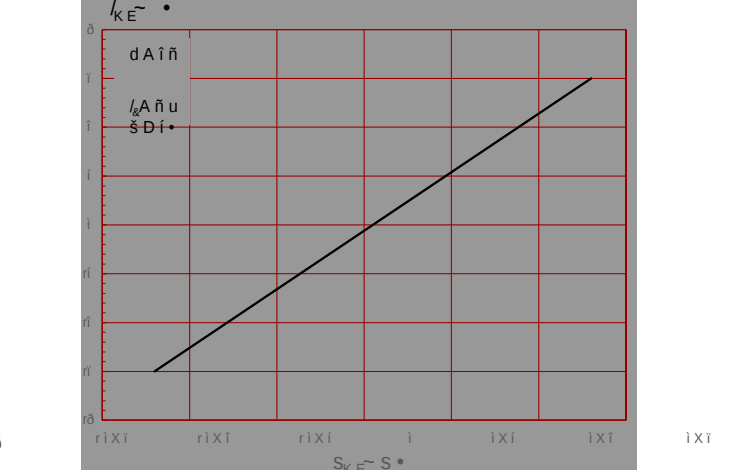


FIG.5: I_{DQ} vs V_{DS} for $V_{GS} = 0V, 1V, 2V, 3V, 4V, 5V$

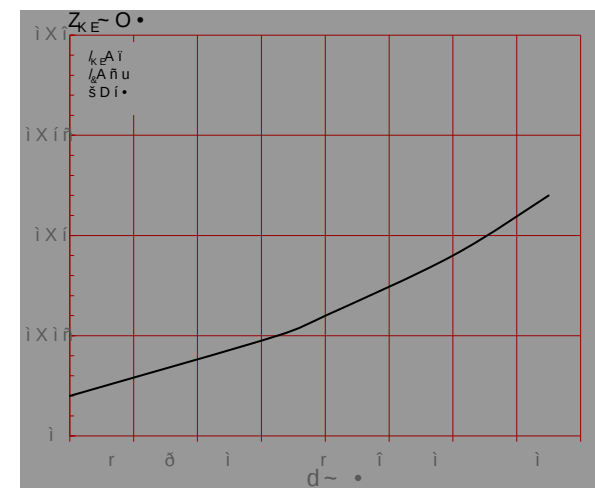


FIG.6: I_{DQ} vs V_{GS} for $V_{DS} = 10V, 20V, 30V, 40V, 50V$

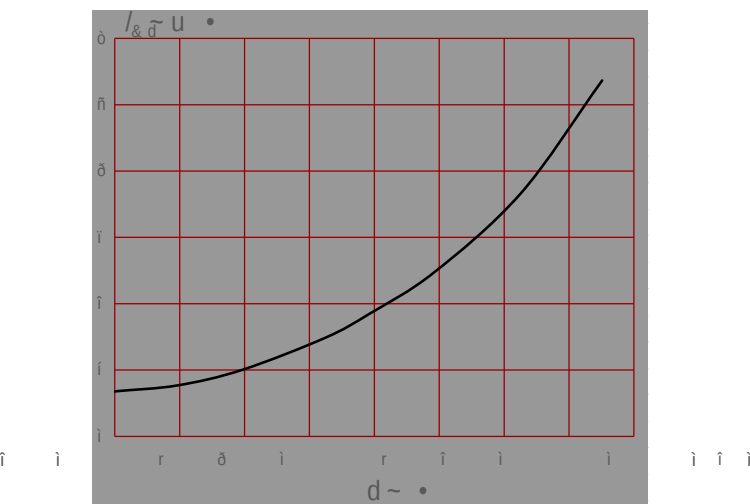


FIG.7: $I_{CE} \sim I_{AD} \sim V_{CE}$ & $I_{CE} \sim I_{AD} \sim V_{CE}$ FIG.8: $I_{CE} \sim I_{AD} \sim V_{CE}$ & $I_{CE} \sim I_{AD} \sim V_{CE}$

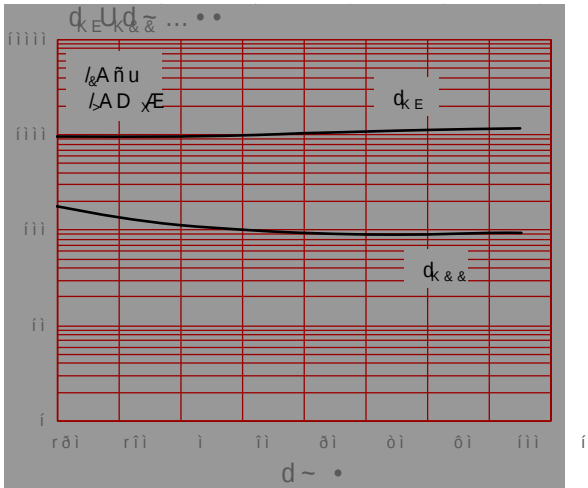
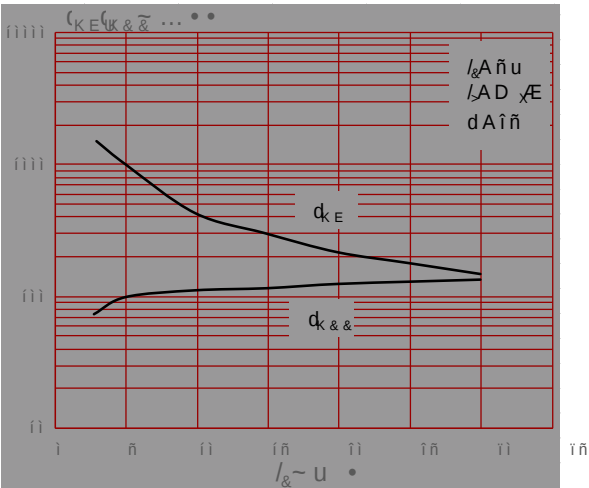


FIG.9: $I_{CE} \sim I_{AD} \sim V_{CE}$ & $I_{CE} \sim I_{AD} \sim V_{CE}$ FIG.10: $I_{CE} \sim I_{AD} \sim V_{CE}$ & $I_{CE} \sim I_{AD} \sim V_{CE}$

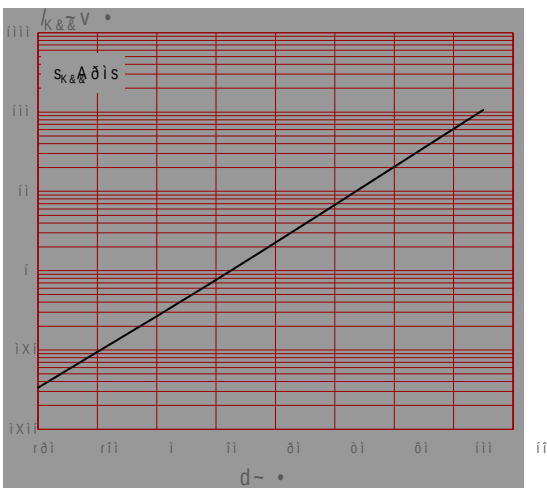
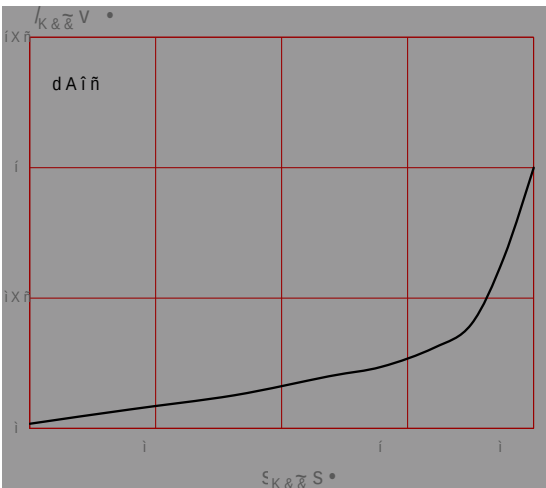
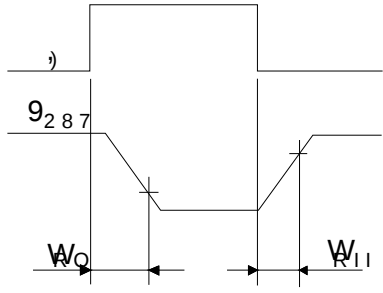
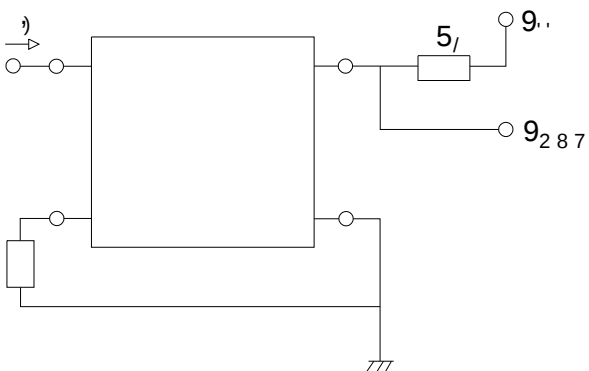
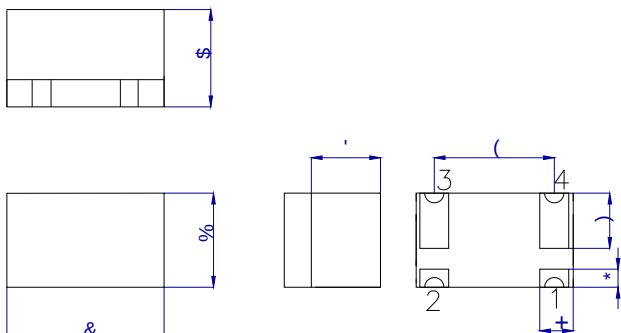


Fig.11: Switching Time Test Circuit and Waveform

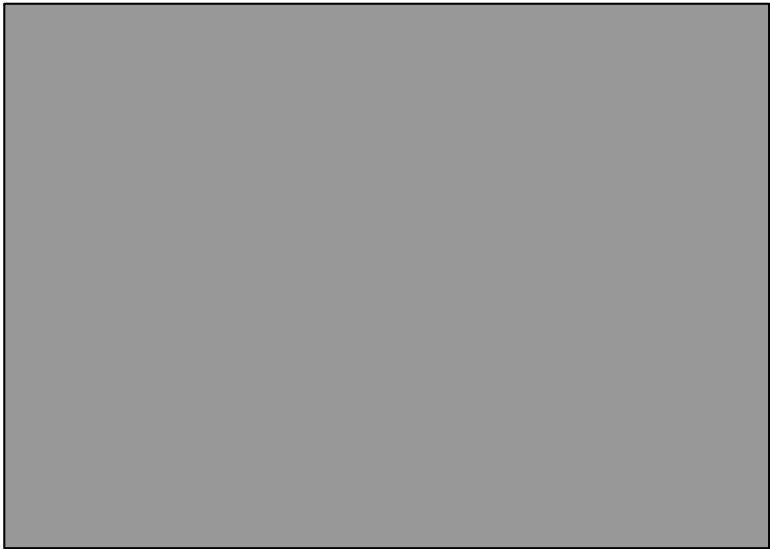


Package Dimension (Unit: mm)

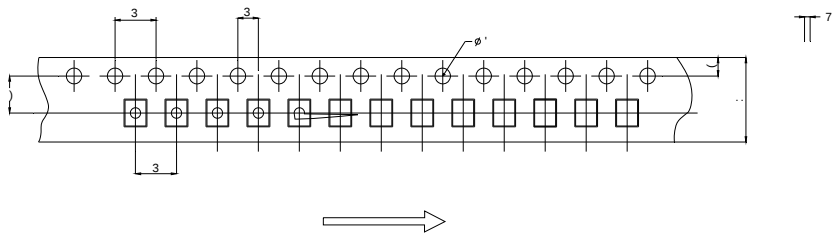


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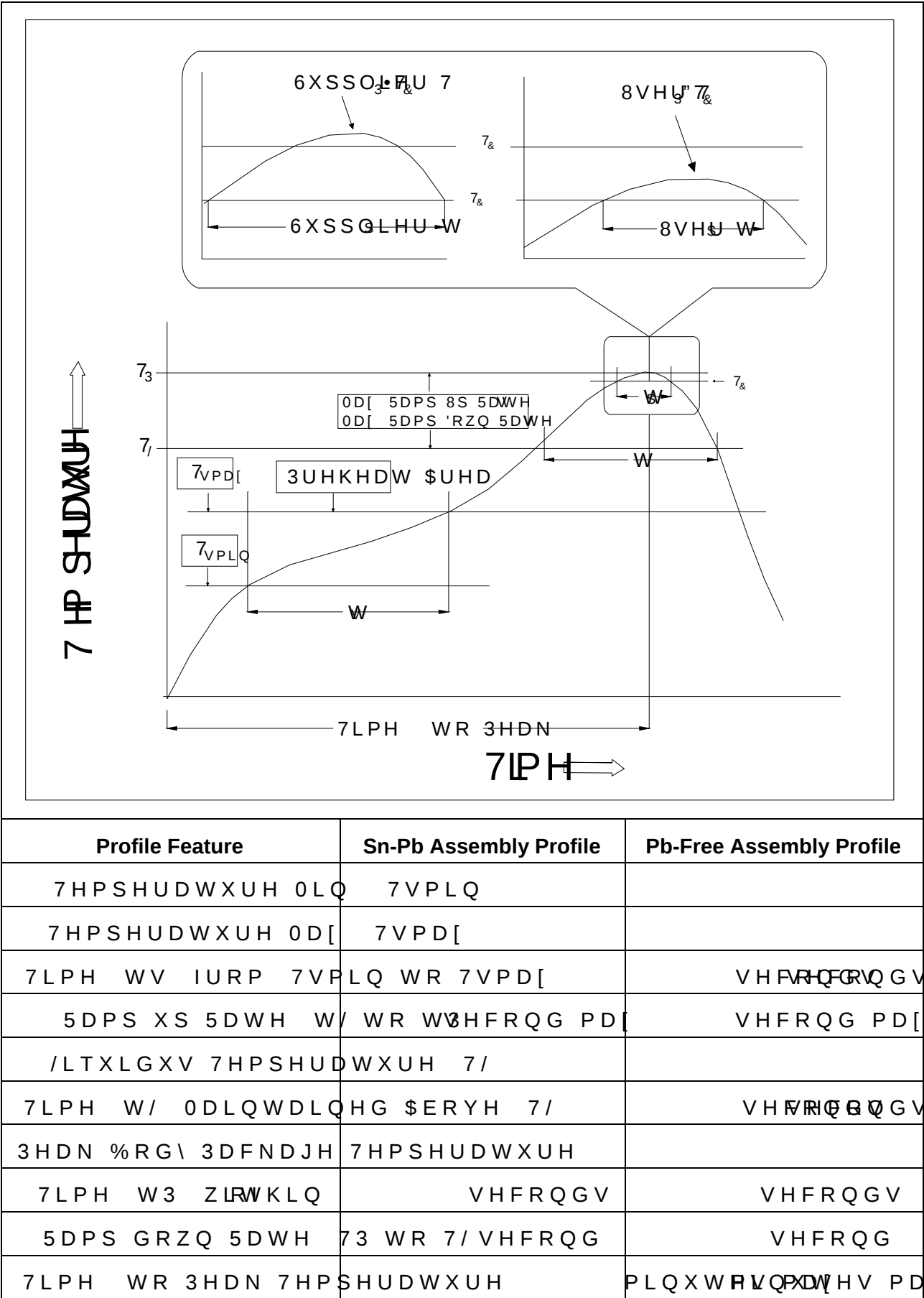


CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)



5HI	'LPHQVLRQV						QFKHV
	0LOOLPHWHUV						
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REFLOW INFORMATION





1RWH

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

,QIRUPDWLRQ IXUQXPHQW ILQWKOLHGRHG WR EH DFFXUDWH
 -LDQJYX -LH-LH 0LRRHWHGWDVROLFFHVQLVUHVSRQVHLERQVHT
 RI XVH ZLWKRXW FRQVLGHUDWLRQ IRG MWFKQLQIRUPDWLRQ
 LQ WKLV GRFXPHQWLDQJYXZLWHRXWQRWLH DSDUW IURP V
 VLJQH -LDQJYXOLHVLZLWKPWKH DJUHHPHQW
 3URGXFV DQG LQIRUPDWLRQ SURYLGHGLQJHQRVVRGSDXPH
 -LDQJYX -LH-LH DVVXPHLOQW\URVSRQVLQIULQJHPPHQW RI RW
 ZKLFK PD\ UHVXOW IURP WKH XVH RI VXLV SURFXPHQW DQGL
 DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXVO\ VXSSOLHG
 LV D UHJLVWHUHGDQJYXGLHDUNRLFULRHWHG WURQLFV &R
 &RS\UKJKW -LDQJYX -LH-LH OLVRHOFHGWSPQHLGLJKWV UHVH