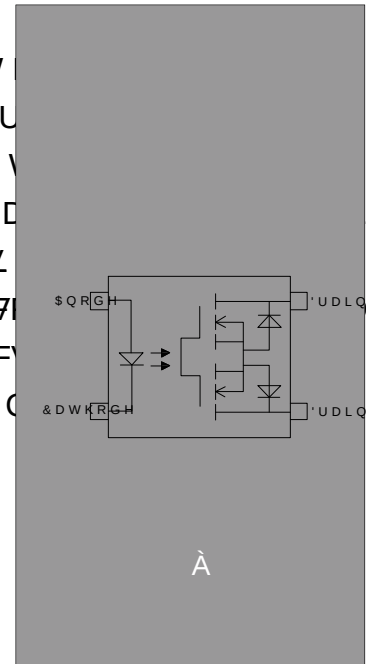




DESCRIPTION:

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 7HUPLODO 92)) 9ROWDJH			
	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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2SWR &RXSOHU		026			1RQH 7
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Characteristics Curves

FIG.1: I_{DQ} vs V_{DS} for $V_{GS} = 0V, 1V, 2V, 3V, 4V, 5V, 6V, 7V, 8V, 9V, 10V$

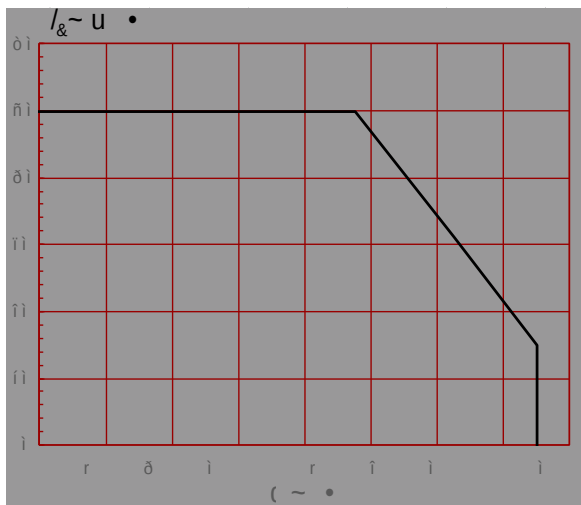


FIG.2: I_{DQ} vs V_{DS} for $V_{GS} = 0V, 1V, 2V, 3V, 4V, 5V, 6V, 7V, 8V, 9V, 10V$

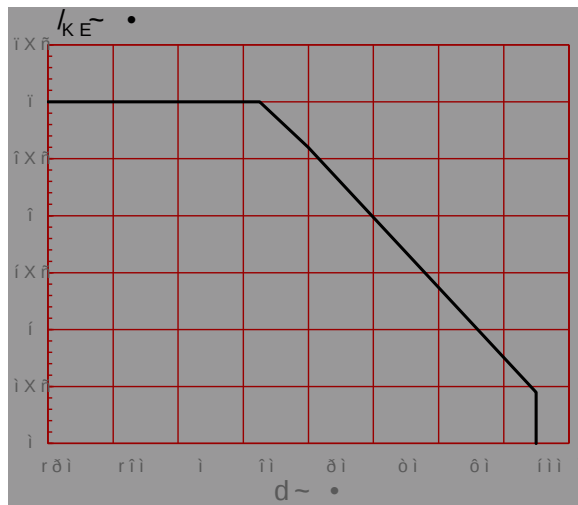


FIG.3: I_{DQ} vs V_{DS} for $V_{GS} = 0V, 1V, 2V, 3V, 4V, 5V, 6V, 7V, 8V, 9V, 10V$

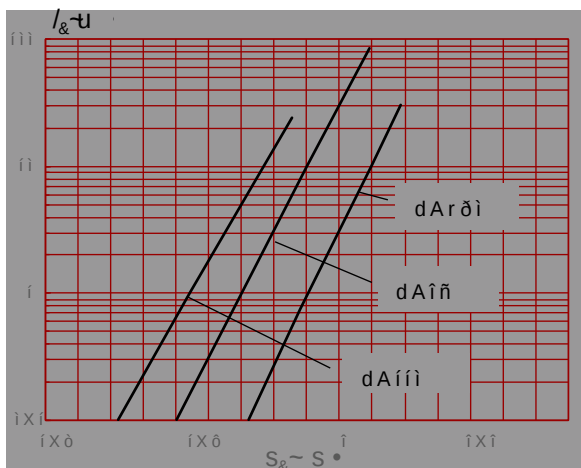


FIG.4: I_{DQ} vs V_{DS} for $V_{GS} = 0V, 1V, 2V, 3V, 4V, 5V, 6V, 7V, 8V, 9V, 10V$

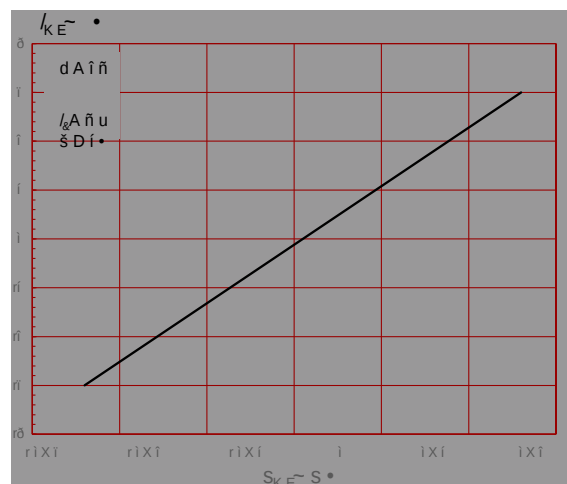


FIG.5: I_{DQ} vs V_{DS} for $V_{GS} = 0V, 1V, 2V, 3V, 4V, 5V, 6V, 7V, 8V, 9V, 10V$

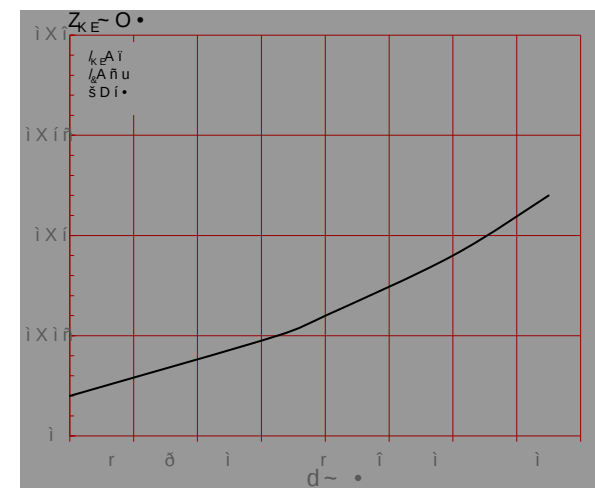


FIG.6: I_{DQ} vs V_{DS} for $V_{GS} = 0V, 1V, 2V, 3V, 4V, 5V, 6V, 7V, 8V, 9V, 10V$

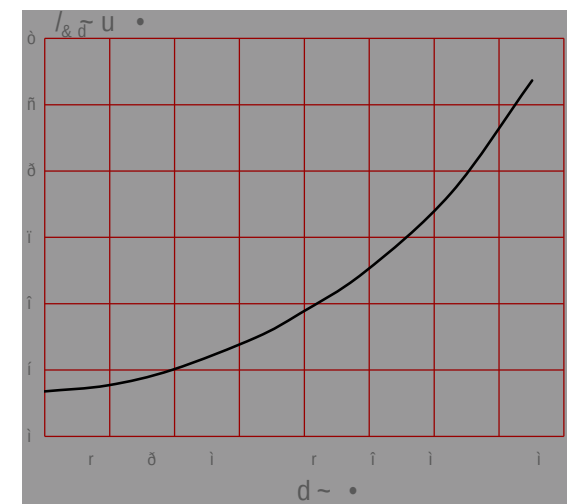


FIG.7: $I_{KE}(V_{CE})$ vs V_{CE} & $I_{AD}(V_{CE})$ vs V_{CE} & $I_{KE}(V_{CE})$ vs V_{CE} & $I_{AD}(V_{CE})$ vs V_{CE}

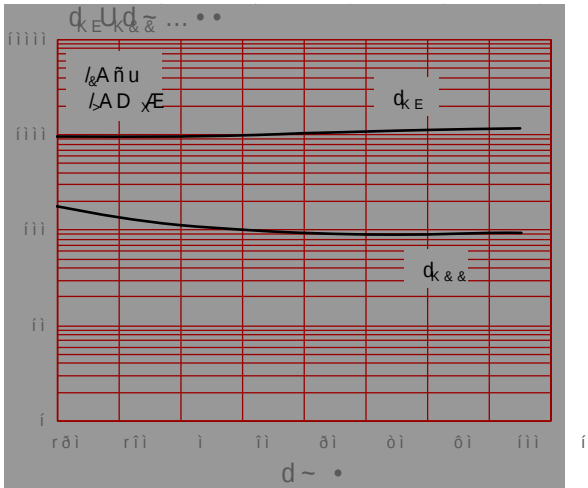
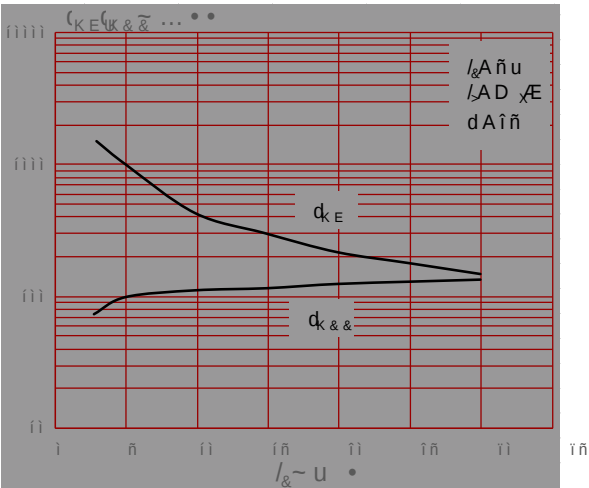


FIG.9: $I_{KE}(V_{CE})$ vs V_{CE} & $I_{AD}(V_{CE})$ vs V_{CE} & $I_{KE}(V_{CE})$ vs V_{CE} & $I_{AD}(V_{CE})$ vs V_{CE}

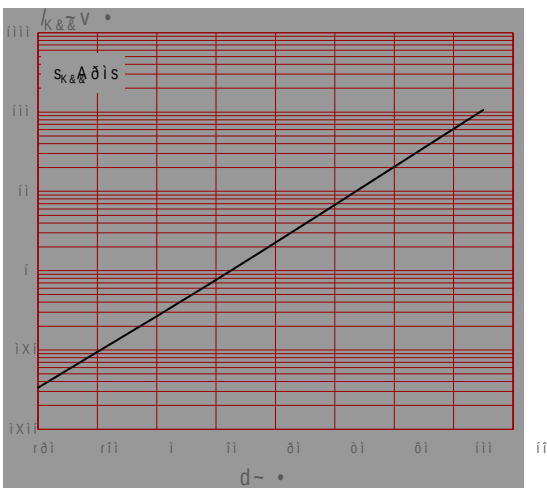
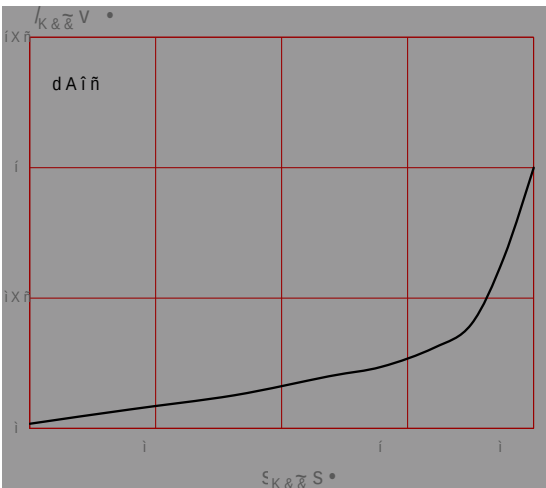
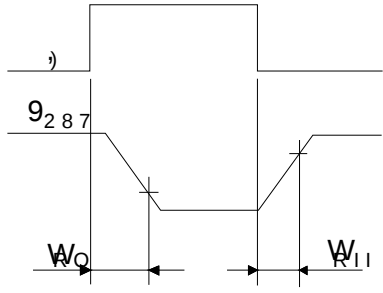
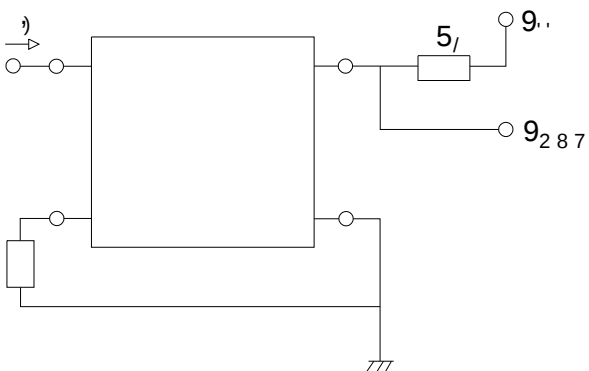
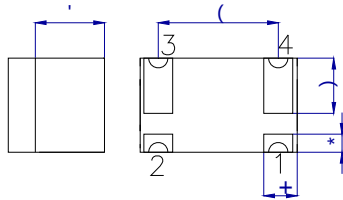
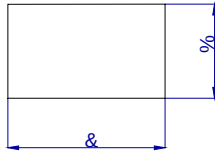


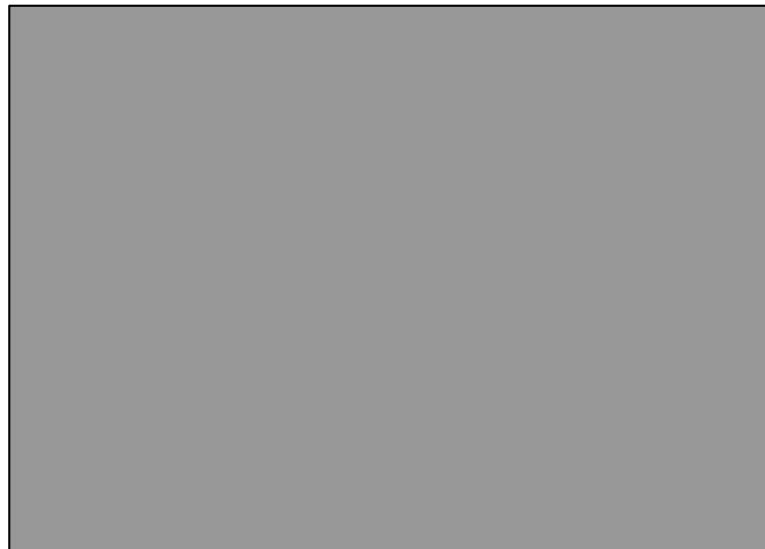
Fig.11: Switching Time Test Circuit and Waveform



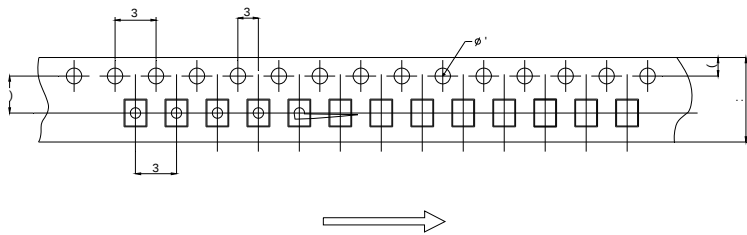


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CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)



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REFLOW INFORMATION

