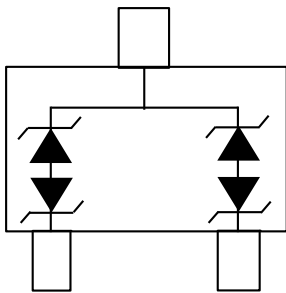


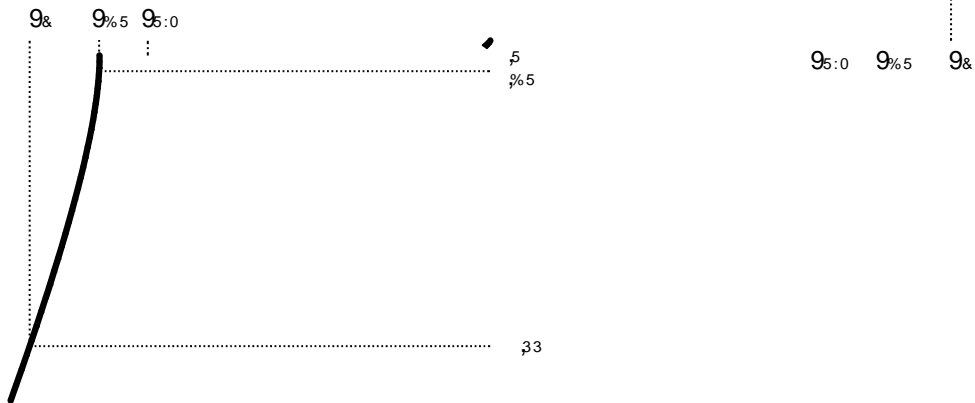
/LQH %L GLUHFWRQRDO (6' SURWHFWL

)HDWXUHV  
" 7UDQVLHQW SURWHFWLRQ IRU HDFK OL  
,(& (6'Fiils }vš šU Fiils ]OE  
,(& ~š%Aôlîi... ••  
" /RZ OHDNDJH FXUUHQW  
" 8OWUD ORZ FODPSLQ @•D#g• )BRbÀ ` )%&, 6x



^Kdrîi

5HYHUVH VWDQG RII YROWDJH  
5HYHUVH OHDNDJH FXUUHQW  
5HYHUVH EUHDNGRZQ YROWDJH  
&ODQSLQJ YROWDJH  
3HDN SXOVH FXUUHQW



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-XQFWLRQ WHPSHUDWXUH	-	ā	
6WRUDJH WHPSHUDWXUH	67*	7a	

1RWHV

&\$87,21 6WUHVHV DERYH WKRVH OLVWJG EQ\^\$BXREXSHURDQJFKW GDWDQH WR WKRIQFOR PLSRWLHQJWDQGLV LV D VWUH RSHUDWLRQ RI WKH FRPSRQHQW DW WKHWHFRVH DQGRWKWHGRQGLKHLRSHVDEIRQLDQQRMFWRSDVHBI WKLV VSHFLILF

v(OHFWULFDO &KAVDFWVHULVWLFV

3\$5\$0(7(5	6\PERO	81,7	&RQGLWLRQV	0LQ	7\S	0D[
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W I Wμo• μœœ vš	,33		s \$ V			W
-XQFWLRQ FDSDFLWDQFH	-		& 5 \$ I 0)+]			

1RWHV

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v2UGHULQJ ,QIRUPDWLRQ ([DPSOH

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3 HDN 3 XOVH & X<sub>3</sub>UHQW

)LJ V 3XOVH :DYHIRUP

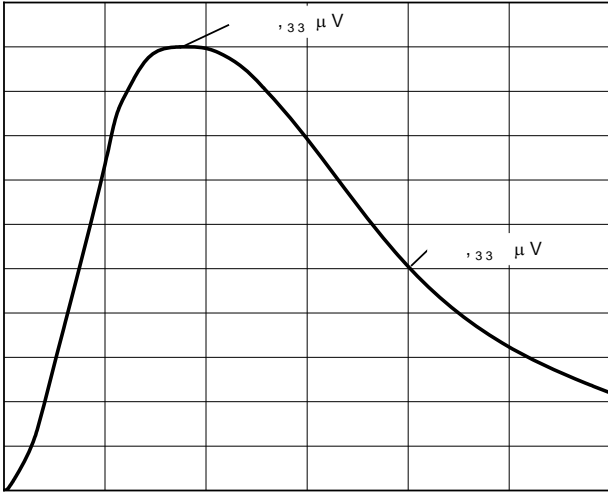
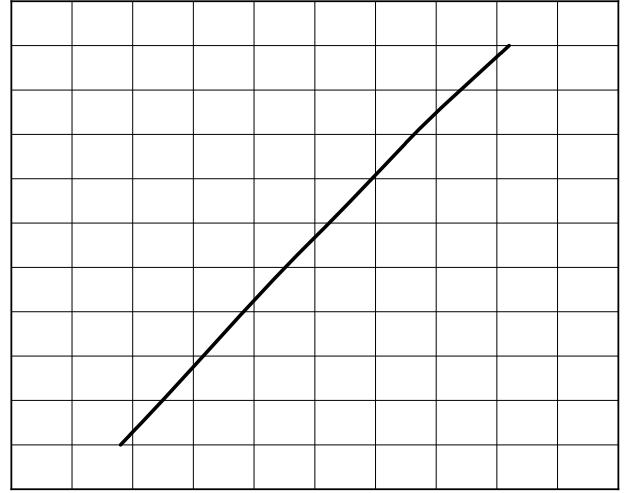


Fig.2: Peak Pulse Current vs Clamping Voltage

IPP Peak Pulse Current (A)



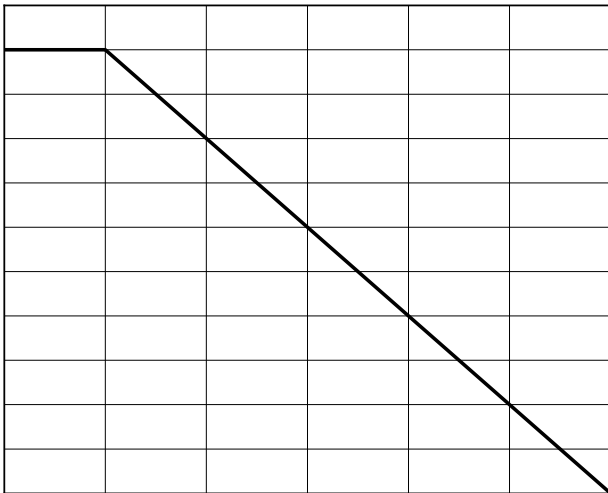
VC Clamping Voltage (V)

7 LP<sub>μ</sub>HV

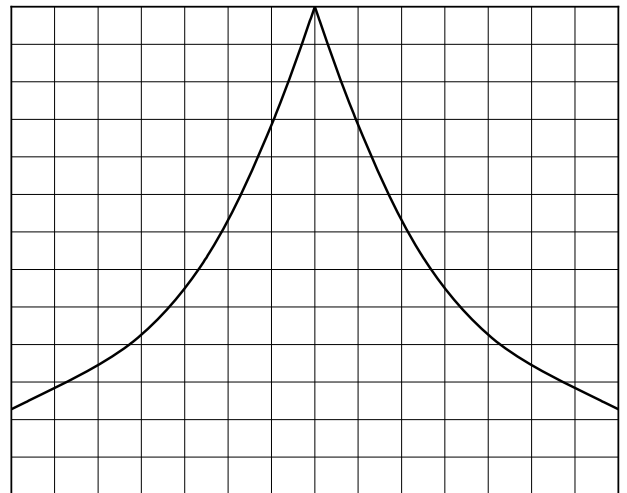
)LJ 3RZHU 'HUDWLQJ & XUYH

Fig.4: Capacitance vs. Bias

RI 5DWHG 3RZHU ,



Capacitance(pF)



Bias Voltage(V)

\$PELHQW 7HPSUDWXUH 7



v 2 X W O L Q H ' L P H Q V L R Q V

v 0 D U N L Q J , Q I R U P D W L R Q

ó ^ X

1 R W H \$ O O P D U N L Q J L V D W P L G G O H R I W K H S U R G X F W E R G \ \$ O O P D U N L Q J L V L Q O D V H U P D U N L Q J % R G \ F R O R U % O D F N
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