

v0D[LPXP 5DWLQJV

3\$5\$0(7(5	6<0%2/	/,0,76	81,7
3HDN SXOVH SRZHV W	3SN		:
(6' DFFRUGLQJ WR ,(& DLU GLVF<DUJH	9(6' GLVFKDUJH	"	.9
(6' DFFRUGLQJ WR ,(& FRQWDFW		"	
-XQFWLRQ WHPSHUDWXUH	-	ā	
6WRUDJH WHPSHUDWXUH	67*	7a	

1RWHV

&\$87,21 6WUHVHV DERYH WKRVH OLVWJHG PQ\³\$BXRXSWHUDDQJQW 6DWDOH WRWKRIQFORPSRWLHQWDQGLV LV D VWUHSRSHUDWLRQ RI WKH FRPSRQHQW DW WKHWHFRVH DQGRWKWHGF RQGVMHLSVHDEWLRLQVQRMFWRSQVHBI WKLV VSHFLILF

v(OHFWULFDO &KÄVDFWVHULVWLFV

	3\$5\$0(7(5	6\PERO	81,7	&RQGLWLRQV	0LQ	7\S	0D[
5HYHUVH 6WDQGRII 9ROWDJH 5:0		9	9				
5HYHUVH EUHDNGRZQ YROWDJH%5			%59 P\$				,
5HYHUVH OHDNDJH FXUUHQW 5		\$	, 9:0 9				
&ODPSLQJ YROWDJH	&	9	33 \$ s W V				
		9	33 \$ s W V		9		
		9	33 \$ s W V				
'\QDPLF UHVLVWDQFH	5<1		7/3 WS QV , 2	WR *URXQG			
W I Wµo• µÆÆ vš	,33		s \$ V				W
-XQFWLRQ FDSDFLWDQFH	-		& 5 9 I 0)+]				

1RWHV

1RQ UHSHWLWLYHDFXRUWQJSD ,(& 7/3 SDUDPHWHUW= QV WQV DYHUDJLQJ ZLQGRZ IURPV FQDQFODVMG5IURP \$ V

v2UGHULQJ ,QIRUPDWLRQ ([DPSON

35()(5(' 3 1	3\$&.,1* &2'(81,7 :(): 03 9
--------------	---------------------------------

- 81,

v & KDUDFWHULVWLFV 7\SLFDO

3HDN 3XOVH &XUHHQW

)LJ V 3XOVH :DYHIRUP

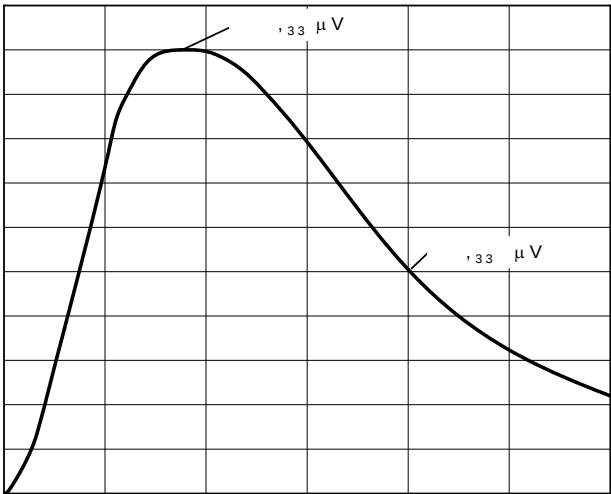
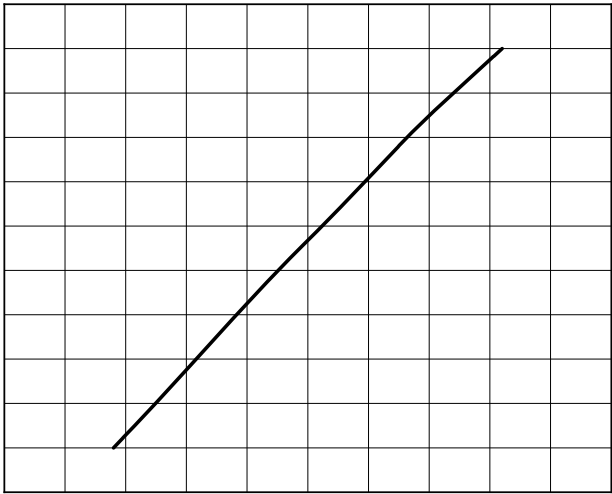


Fig.2:Peak Pulse Current vs Clamping Voltage

IPP Peak Pulse Current (A)



VC Clamping Voltage (V)

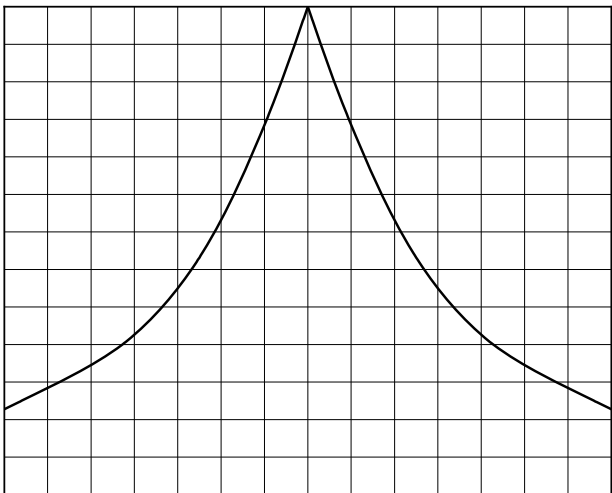
7 L P₁HV

)LJ 3RZHU 'HUDWLQJ &XUYH



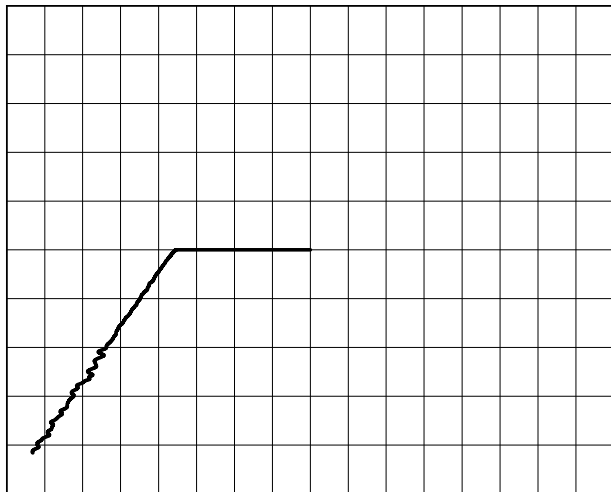
Fig.4: Capacitance vs. Bias

Capacitance(pF)



Bias Voltage(V)

\$PELHQW 7HPSHUDWXUH 7



v 2XWOLQH 'LPHQVLRQV

v 0DUNLQJ ,QIRUPDWLRQ

ó ^ X

1RWH
\$OO PDUNLQJ LV DW PLGGOH RI WKH SURGXFW ERG\
\$OO PDUNLQJ LV LQ ODVHU PDUNLQJ
%RG\ FRORU %ODFN

<DQJ]KRX <DQJMEH HOKQWORLD L&R /VZ \DQJMLH P

