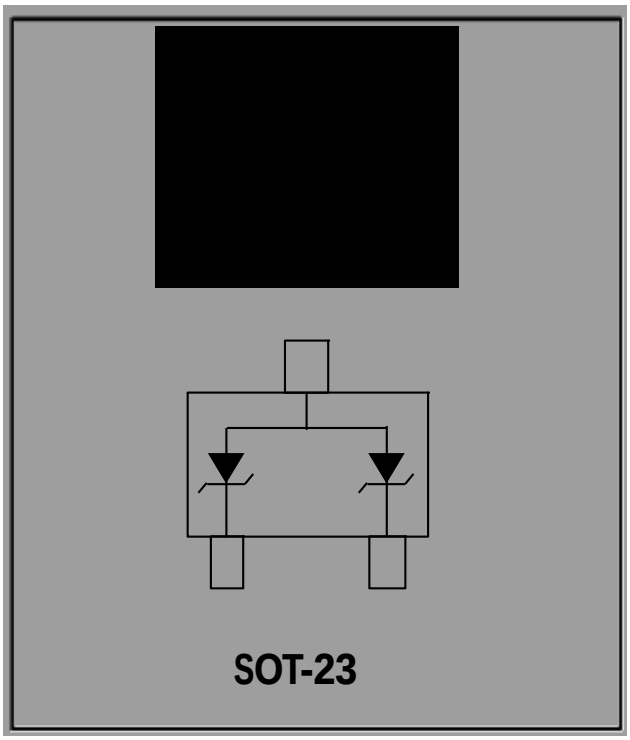
2- Line, Uni-directional, ESD protection diode



Features

- 7UDQVLHQW SURWHFWLRQ IRU HDFK OL
  ,(& (6'Fïìls }vš šU Fïìls]Œ
  ,(& ~š‰Aôlîì…••
- /RZ OHDNDJH FXUUHQW
- 8OWUD ORZ FODPSLQJ YROWDJH
- 5R+6 &RPSOLDQW
- 3DUW QR Z4LWKHVXIIL$(3& 4 TXDOLILH

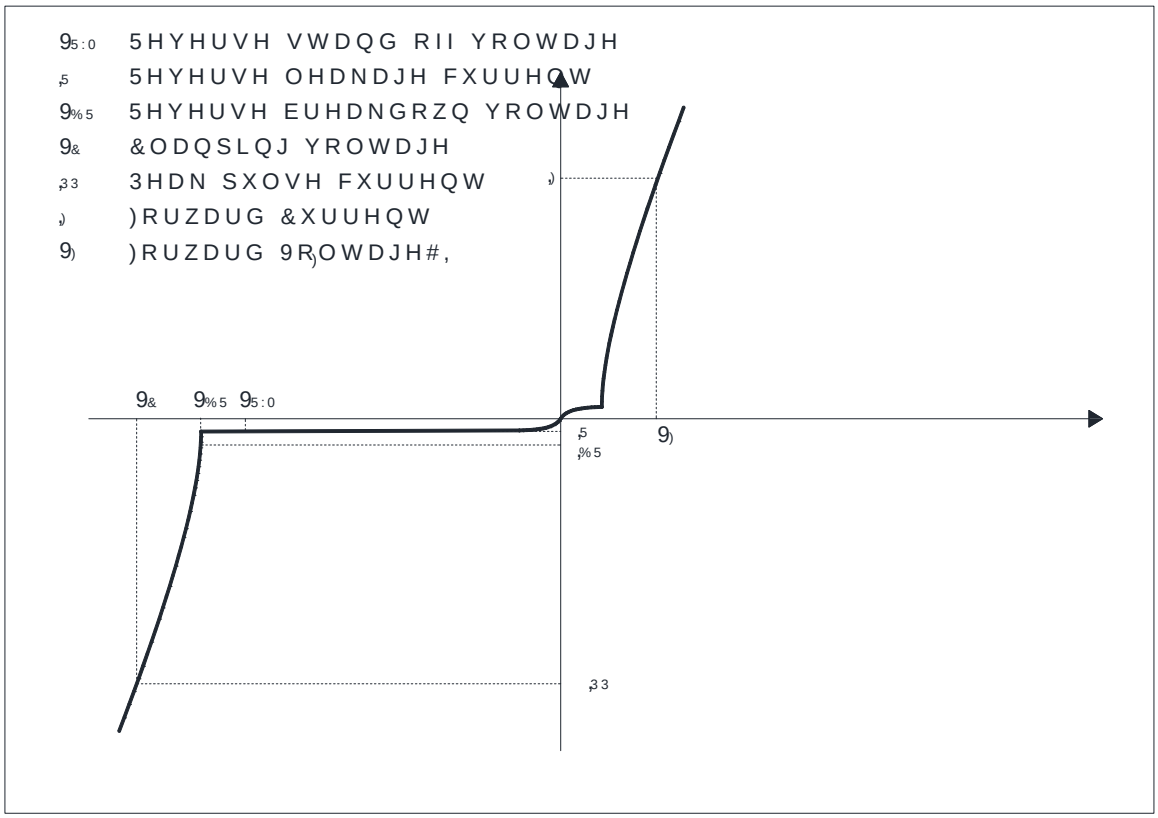
Applications

- ^Á]š Z • l µšš}v•
- d •š ‹µ]‰u všl/v•šŒµu vš š]}v
- W}]všr}(r^ o d Œu]v o•
- D] o ‹µ]‰u vš
- E}š }}l• l •l š}‰• l ^ ŒÀ Œ•
- }u‰µš Œ W Œ]‰Z Œ o•
- E µ• ‰Œ}š š]}v
- µš}u}š]À ‰‰o] š]}v•

Mechanical Data

- 3DFNDJH 627
- /HDG)LQLVK 0DWWH 7LQ
- &DVH 0DWHULDO ³*UHHQ´ 0ROGLQJ &R
- 0RLVWXUH 6HQVLWLYLW\ /HYHO SHU

Definitions of electrical characteristics



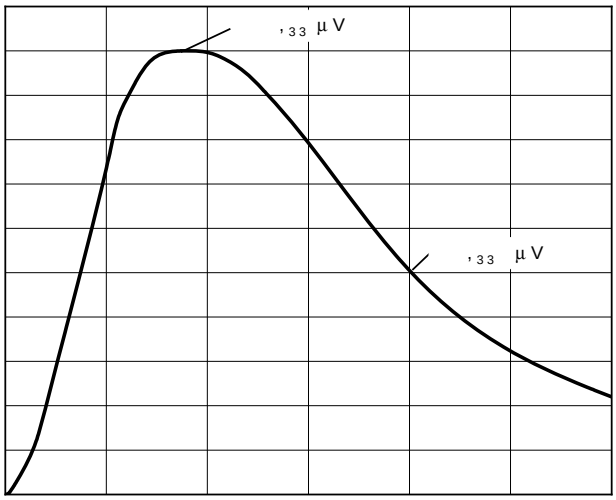
Maximum Ratings

PARAMETER	SYMBOL	LIMITS	UNIT
3HDN SXOVH SRZHU W	3SN		:
(6' DFFRUGLQJ WR ,(& DLU GLVFKDUJH	9(6'	“	.9
(6' DFFRUGLQJ WR ,(& FRQWDFW GLVFKDUJH		“	
-XQFWLRQ WHPSHUDWXUH	-	a	
6WRUDJH WHPSHUDWXUH	67*	7a	

1RWHV

Characteristics (Typical)

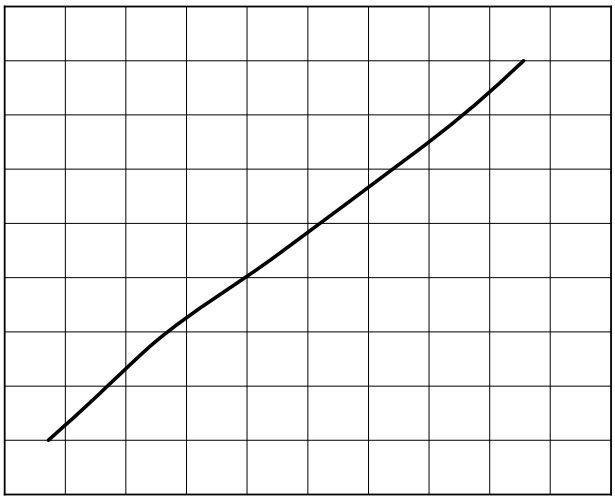
)LJ V 3XOVH :DYHIRUP



3HDN 3XOVH &XUUHQW ,33 $

7LPH µV

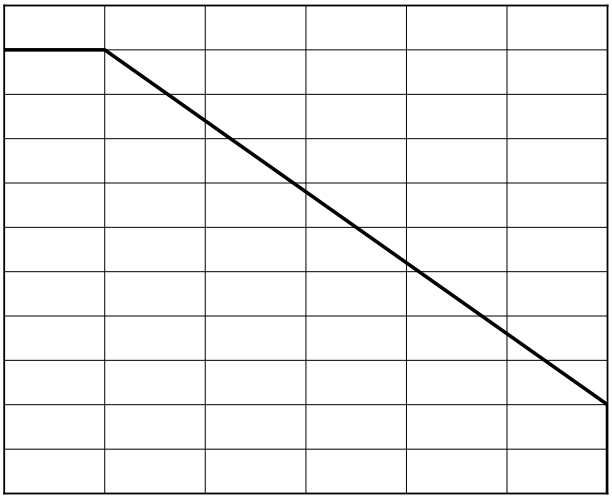
,OM 6KGQ6[RYK)[XXKTZ\Y)RGSVOTM<URZGMK



/66 6KGQ6[RYK)[XXKTZ '

<))RGSVOTM<URZGMK <

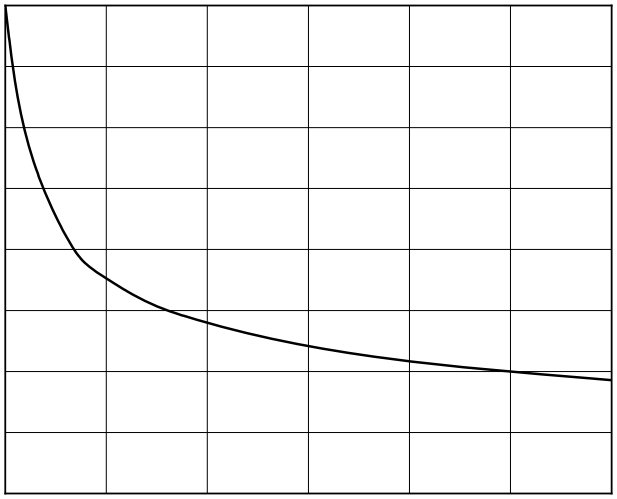
)LJ 3RZHU 'HUDWLQJ &XUYH



5HODWHG 3RZHU ,33 3

$PELHQW 7HPSHUDWXUH 7$

,OM)GVGIOZGTIK\Y(OGY



)GVGIOZGTIK V,

(OGY<URZGMK <

vOutline Dimensions

vMarking Information

1RWH
$OO PDUNLQJ LV DW PLGGOH RI WKH SURGXFW ERG\
$OO PDUNLQJ LV LQ ODVHU PDUNLQJ
%RG\ FRORU %ODFN
+$$ LV 0DUNLQJ &RGH KROGHU IRU GDWH FRGH

'DWH &RGH YDU\ GHSHQGLQJ XSRQ SURGXFWLRQ GDWH

Disclaimer

7KH LQIRUPDWLRQ SURGXFWV DQG VHUYLFHV GHVFULEHG LQ WKLV GRFXPHQW DUH VXEMHFW WR FKDQJH ZLWKRXW QRWLFH (OHFWURQLF 7HFKQRORJLHV UHVHUYHV WKH ULJKW WR PDNH FKDQJHV WR WKHVH SURGXFWV VHUYLFHV GRFXPHQWV DQG LPSURYHPHQWV

7KH SURGXFWV OLVWHG LQ WKLV GRFXPHQW DUH QRW GHVLJQHG IRU XVH LQ PHGLFDO OLIH VXSSRUW DSSOLFDWLRQV RU RWKHU OLIH FULWLFDO DSSOLFDWLRQV ZKHUH PDOIXQFWLRQ RU IDLOXUH RI WKH SURGXFW FDQ UHDVRQDEO\ EH H[SHFWHG WR UHVXOW LQ SHUVRQDO LQMXU\ RU GHDWK &XVWRPHUV XVLQJ RU VHOOLQJ WKHVH SURGXFWV LQ VXFK DSSOLFDWLRQV GR VR DW WKHLU RZQ ULVN DQG DJUHH WR IXOO\ LQGHPQLI\ (OHFWURQLF 7HFKQRORJLHV IRU DQ\ GDPDJHV UHVXOWLQJ IURP VXFK XVH

7KLV SXEOLFDWLRQ LV SURYLGHG IRU LQIRUPDWLRQDO SXUSRVHV RQO\ (OHFWURQLF 7HFKQRORJLHV PDNHV QR UHSUHVHQWDWLRQV RU ZDUUDQWLHV RI DQ\ NLQG DERXW WKH DFFXUDF\ RU FRPSOHWHQHVV RI WKH FRQWHQWV RI WKLV GRFXPHQW DQG VSHFLILFDOO\ GLVFODLPV OLDELOLW\ IRU LQDFFXUDFLHV RU RPLVVLRQV &XVWRPHUV DUH UHVSRQVLEOH IRU DOO GHVLJQV DSSOLFDWLRQV DQG VDIHW\ DVSHFWV UHODWHG WR WKHLU SURGXFWV