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for ESD Protection

FIG.3 Derating curve

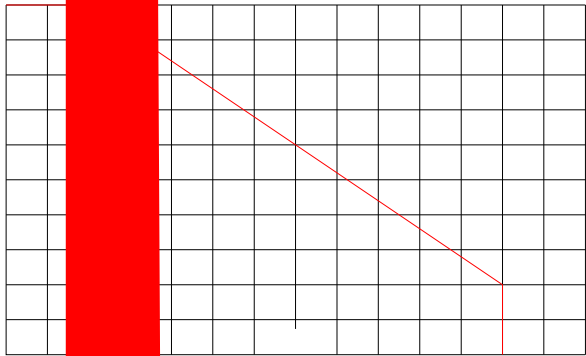
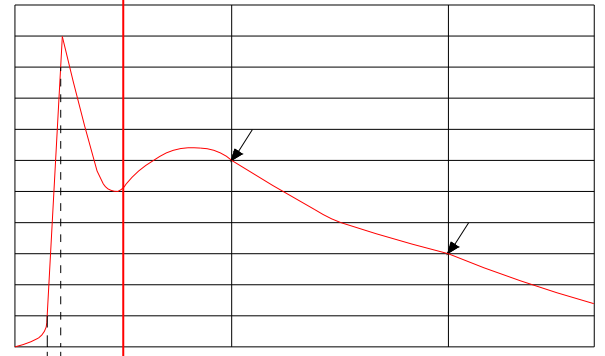
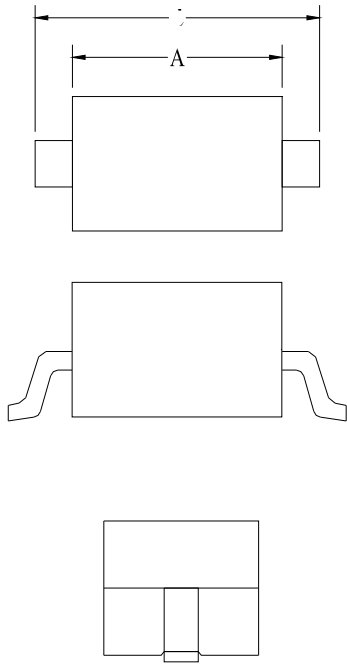


FIG.4: ESD clamping

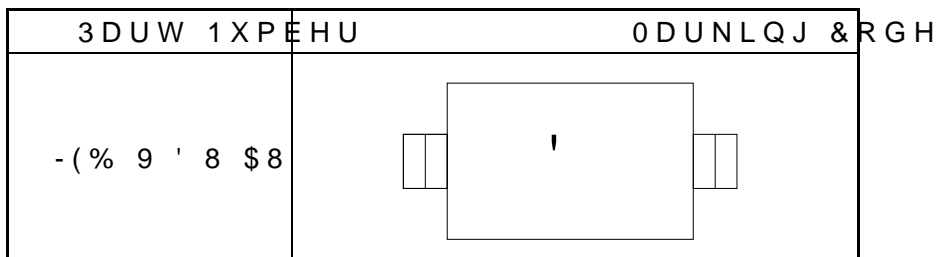


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-LH-LH SURGXFWV DLUHQRQGGVHKLDOOHGRQW SXUSRVHGI RQFOXG
OLPLWDWLRQ DIXOLRPRUWLPHGRFVSDGDLOHLDVXVWDLQLQJ RU
DSSOLFDWLRQV GHYLFHV LQWHQGGA IRU DQJLWQDULDSOD
WKH IDLOXUH RURSDIUNDRLRGRUUMIGHXSWRIGXFSWUPDRQDHOV LQM
SURSHUW\ GDPDJH RHWXUHVWDDQHWKREHWK-LLQ-LDSORFXFW
GRFXPHQWDWLRQ :DEUDLQWILHWKDQQWGHGHSPIRGXYRVLV XVH
SXUSRVH QRW H[SUHDS/SSOLFDMHOBEBWKPEHQW-LH VKDOO QRV
DQ\FODLPV RU GDPDJRM SURGXQWRXVGHQRWDSSOLFDMHOBEBWKPEHQW-LH
-LH-LH DVVHW IRUWK-LHGBSEPHQWPHDQDQVHKHRIVDLOH-LH SU
VXEMHFW WR -LH-LH WHUPV DQG FRQGLJULHQV ERIVDLOH XQ
,QIRUPDWLRQ IXUQXPHQW ILQVHKOVLHGMBDQGEHHDFLDXLOH +R
-LH-LH 0LFURHOHFWURQLFV&QRUWGSVRKQVEEQDHWXHQVHVRI
FRQVLGHUDWLRQPHQWVXQKQIQIXVHEH\RQG LW
,QIRUPDWLRQ PHQWLRQHGLQWKLVGRRFXVPHQRWILFHVXDSMDHUFV
DQDJUHHPHQW LVVHJDHHFRPLSDQJHAXZLHVQVWKH DJUHHP
3URGXFWV DQG LQIRUPDWLRQ SURYLGHGHJHQHMQMLRIGSDWPHQ
-LH-LH DVVXPHV QRIRHVSDQVDEUDQWURHQWVRRIRWIKIHUG SDU
UHVXOW IURPVKKSURVGHFRWWXDFQG LQIRUPDWLRQ
7KLV GRFXPHQW LLRQZHKLEKVLWPHQV LQKLVHFRFXPHQW VXS
DQG UHSODFHV SDUHQYLQRXVDDWXBSOLHG
LV D UHJLVWHUHGDQWVXG-HLPIDLNORLIFURHOWFWURQLF
&RS\ULJKW-LDQJVX -LH-LHQILFVR&RHFVWG 3ULQMMBSYHOG