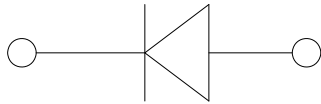
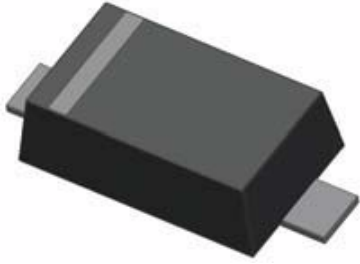


6PDOO 6LJQDO)DVW 6ZLWFKLQJ 'LRGHV



)HDWXUHV
" 95 9
" , \$9 P\$

7\SLFDO \$\$\$OLFDFWLRQV
" ([WUHPH IDVW VZLWFKHV

0HFKDQLFDO 'DWD

" 3DFNDJ612'
" 7HUPLQDQVSODWHG OHDGV VROGHUDEOH S
- 67' DQG -(6' %
" 3RODU&DWMKRGH OLOKSFORWARGH HQG
" 0DUNLQJ

v0D[LPXP 5DWLQJ 8QOHVV RWKHU\LVH VSHFLILHG

3\$5\$0(7(5	6<0%2	81,7	&RQGLWLRQV	9\$/8(
5HSHWLWLYH SHDN UHYHUVH YROWDJH	5	9 9	,5 X\$	
3HDN IRUZDUG VXUJH FXUUHQW			\$ 3XOVH ZLGWK XV 3XOVH ZLGWK V	
\$YHUDJH IRUZDUG FXUUHQW P\$,	
3RZHU GLVVLSDWLRQ 3WRW P:				
0D[LPXP MXQFWLRQ WHPSHUDWXUH				WR
6WRUDJH WHPSHUDWXUH WUDQJH				WR

v(OHFWULFDO &K\UDFWLFDO RWKHU\LVH VSHFLILHG

3\$5\$0(7(5	6\PERO	81,7	&RQGLWLRQV	0LQ	0D[
%UHDNGRZQ 9ROWDJH	95	9	,5 X\$		
)RUZDUG 9ROWDJH)	9	,) P\$		
			,) P\$		
			,) P\$		
			,) P\$		
5HYHUVH /HDNDJH &XUUHQW	.5	Q\$	95 9		
	.5		95 9 X \$		
&DSDFLWDQFH		&S)	95 9 0+]		
5HYHUVH 5HFRYHU\ 7LPH		QV7UU)	,5 P\$,UU	,5	

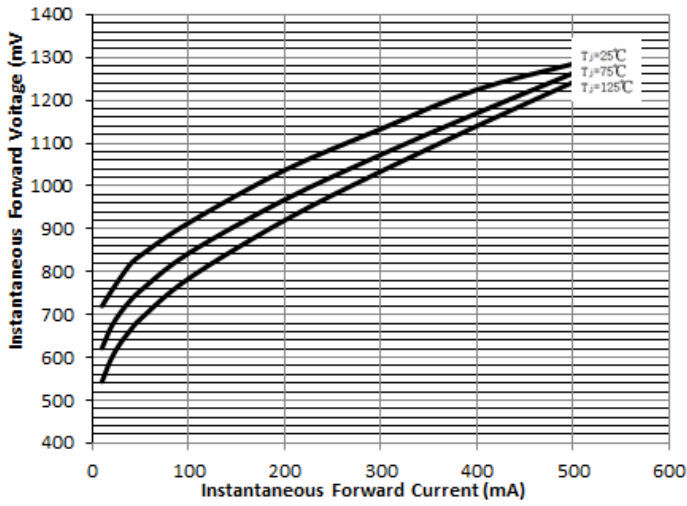


v2UGHULQJ , QIRUPDWLRQ ([DP SOH

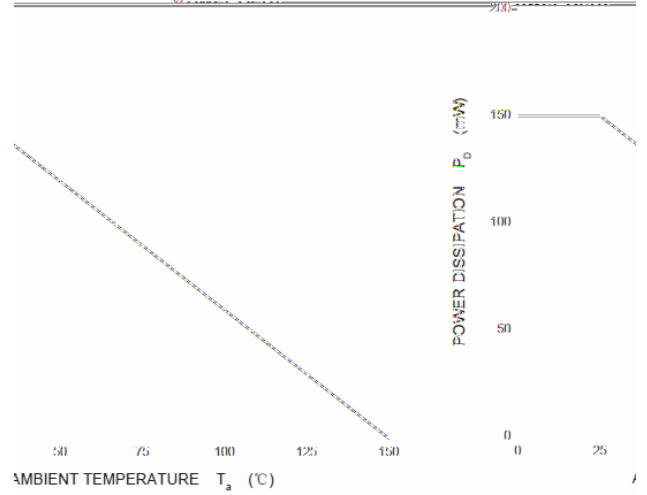
35() (5(' 3 1	3\$&. ,1* & 2' (81,7 : (, * +7	0,1,080 3\$&. \$*(SF	,11(5 %2; 48\$17,7< S	287(5 &\$572 '(/,9(5< 48\$17,7< S	02' (
1 :7)	\$SSUR[LPDWH				

v & KDUDFWHULVWLFV 7\SLFDO

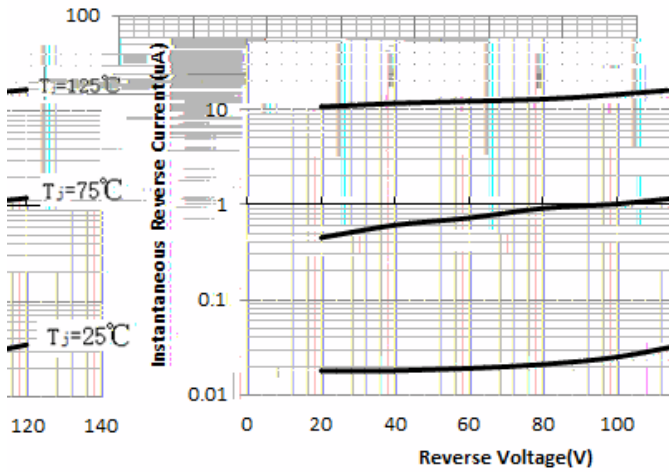
Typical Instantaneous Forward Characteristics



Power Derating Curve



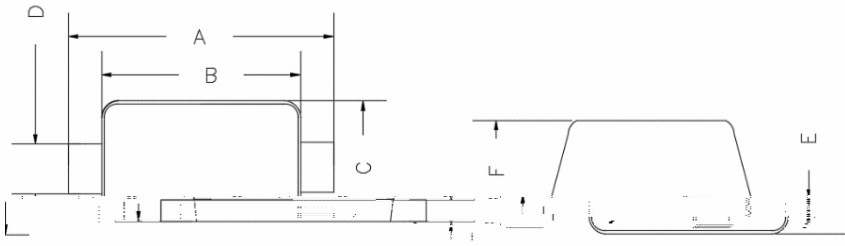
Typical Reverse Characteristics





v 2XWOLQH 'LPHQVLRQV

SOD-523

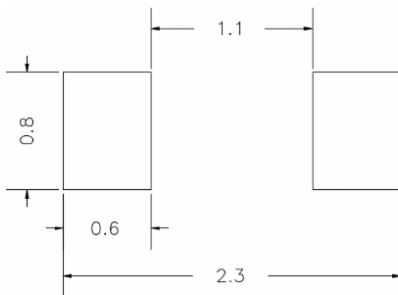


SIDE VIEW

TOP VIEW

DIMENSIONS				
DIM	INCHES		MM	
	MIN	MAX	MIN	MAX
A	0.059	0.067	1.500	1.700
B	0.043	0.051	1.100	1.300
C	0.028	0.035	0.700	0.900
D	0.010	0.014	0.250	0.350
E	0.332	0.338	0.850	0.858
F	0.020	0.028	0.500	0.710

v 6ROGHULQJ)RRWSULQW



UNIT: mm

SUGGESTED SOLDER PAD LAYOUT



'LVFODLPHU

7KH LQIRUPDWLRQ SGRFNDMWHG LQ IRKLVHDIHQJHQRK-BQJMLH (OHFWURQLF 7HFHQRO
ULJKW WR PDNH FKDLFHVRZLWKR XWSKRLSULFRGXKFRV/ RGLWSOD\HG KHUHLQ WURGLFSLWRQ
RU RWKHUZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHVQLHGWGRQR FEHTXLVISEHZLWKRUR LGHLYLDFHVVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLW KHKEPDOXHQFHWGRGURHHELDYDLORVGDQXFKU DXP
PHGLFDO LQVWUXPHRQVHTWLSDFHCSR UDWLWURV SODFHDFDEKULQDFWRHOFRQDQGRBODHUU V
GHYLFHV <DQJMLH RU DQ\RQH RQ LWV\OE\WK DQJ OLVEXLPHLWQRURWHDGSRQDVEBJKHVHUHV
RIVDOH

7KLV SXEOLFDWLRQISVDSFHUWIDGIDVLQURQJPDVXLSRQLISEGHYRURXVGLWLRQDO LQWRHUPDWLR
KWVZ [\DQJMLHRFRFR](#) PRQVXOW \RXU QHDUHW <DQJMLVHMIDQVFDH OHV RILFH IRU IXUW