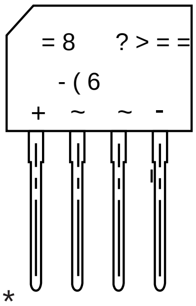
8OWUDVRIW 5HFRYHU\ %ULGJH



3,11,1*

3,1	'(6&5,37,21
	,QSXW ä 3,1
	,QSXW ä 3,1
	2XWSXW $QRGH
	2XWSXW &DWKRGH

)HDWXUHV

‡*ODVV 3DVVLYDWHG &KLS -XQFWLRQ
‡5HYHUVH 9ROWDJH 9
‡)RUZDUG &XUUHQW $
‡+LJK 6XUJH &XUUHQW &DSDELOLW\
‡'HVLJQ IRU 6XUIDFH 0RXQW $SSOLFDWLRQ

%HQHILWV

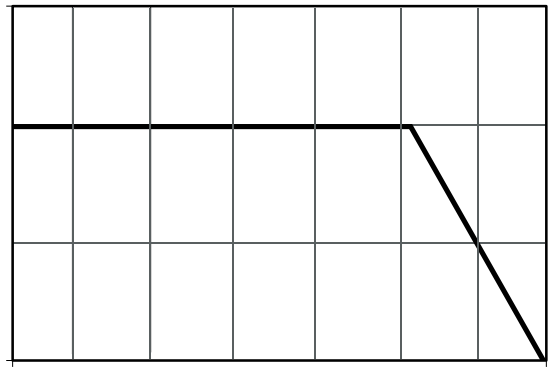
‡&DVH %3
‡7HUPLQDO 6ROGHU 3ODWHG 0,/ 67'

0D[LPXP 5DWLQJV DQG (OHFWULFDO &KDUDFWHULVWLFV

5DWLQJV DW ƒ& DPELHQW WHPSHUDWXUH XQOHVV RWKHUZLVH VSHFLILHG
6LQJOH SKDVH KDOI ZDYH +] UHVLVWLYH RU LQGXFWLYH ORDG)RU FDSDFLWLYH ORDG GHUDWH FXUUHQW E\

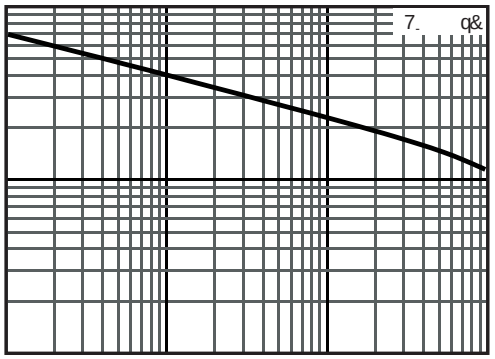
3DUDPHWHU	6\PERO	:5*%3	8QLWV
0D[LPXP 5HSHWLWLYH 3HDN 5HYHUVH 9ROWDJH	9550		9
0D[LPXP 506 YROWDJH	9506		9
0D[LPXP '& %ORFNLQJ 9ROWDJH	9'&		9
$YHUDJH 5HFWLILHG 2XWSXW &XUUHQW	,2		$
5HYHUVH 5HFRYHU\ 7LPH ,) $,5 $,55 $	7UU		XV
3HDN)RUZDUG 6XUJH &XUUHQW PV 6LQJOH +DOI 6LQH :DYH 6XSHULPSRVHG RQ 5DWHG /RDG -('(& 0HWKRG	,)60		$
, W UDWLQJ IRU IXVLQJ W PV	, W		$ 6
0D[LPXP)RUZDUG 9ROWDJH DW $	9)		9
0D[LPXP '& 5HYHUVH &XUUHQW #7$ ƒ& DW 5DWHG '& %ORFNLQJ 9ROWDJH #7$ ƒ&	,5		$
7\SLFDO -XQFWLRQ &DSDFLWDQFH 1RWH	&-		S)
2SHUDWLQJ DQG 6WRUDJH 7HPSHUDWXUH 5DQJH	7- 767*	a	ƒ&
1RWH 0HDVXUHG DW 0+] DQG DSSOLHG UHYHUVH YROWDJH RI 9'&			

5$7,1*6 $1' &+$5$&7(5,67,&6 &7$59(6 XQOHVV RWKHUZLVH QRWHG

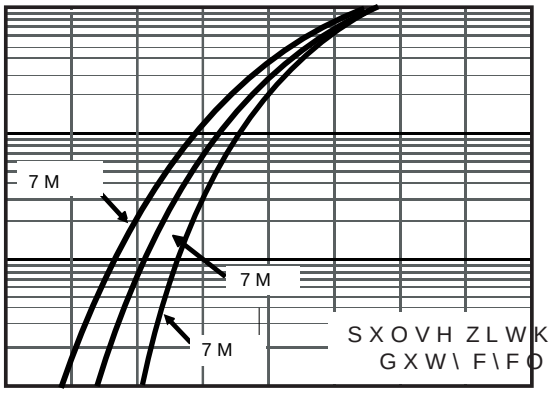


7F &DVH 7HPS

Current Derating Case

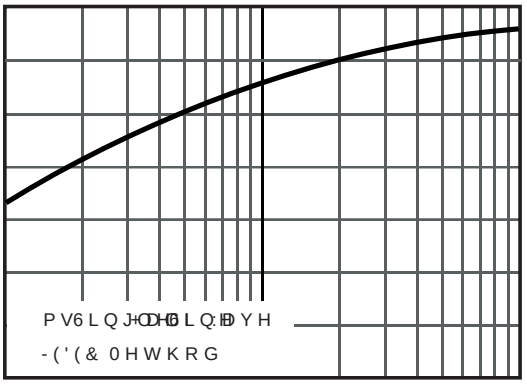


Typical Junction Capacitance



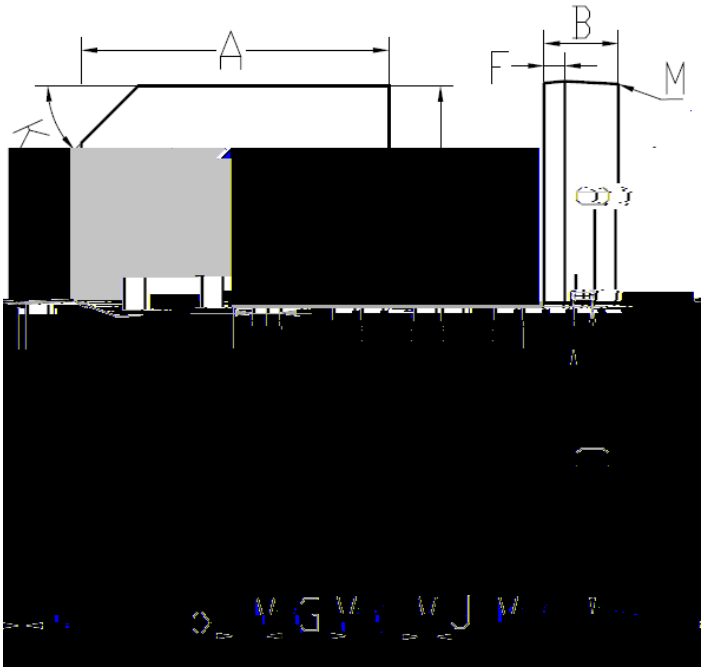
9I ,QVWDQWDQHRXV)RUZDUG

Typical Forward Voltage



95 5HYHUVH **9ROWDJH**

Typical Reverse Current



GBP		
DIM.	MIN.	MAX.
A	14.20	14.70
B	3.30	3.60
C	10.20	10.60
D	13.80	14.40
d	1.40	1.70
E	1.80	2.20
F	0.80	1.10
G	3.71	3.91
H	0.30	0.55
I	1.22	1.42
J	0.76	0.86
K	2.7 x 45° (Typ)	
L	#	3°
M	#	2°
All Dimensions in millimeter		