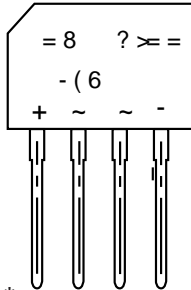


8OWUDVRIW 5HFRYHU\ %ULGJH



3, 11, 1*

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	, Q SX V A A Q
	, Q SX V A A Q
	2XWSXW \$ Q R GH
	2XWSXW & A W K R G H

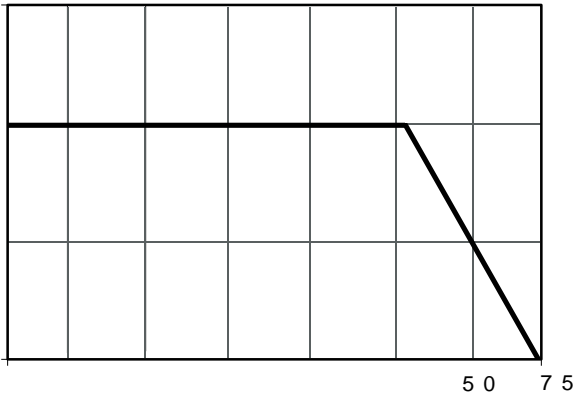
) HDWXUHV
 ‡* OD V DVVLYY DWLSC F W L R Q
 ‡5HYHUVH 5HFRYHU\ 7LPH
 ‡)RUZDUG 6XUJH & XUUH QW
 ‡+LJXU & XUUH QW DELOLW\
 ‡'HVLJQR 6XUIDR X \$ S O L F D W L R Q
 %HQHILWV
 ‡&DVH.
 ‡7HUPL 6ROGH 3B 0 67'

0D[LPXP 5HSHWLWLYH 3HDN 5954DU VH 9ROWDJH

5DWLQV & DPEWHPSHUHQVUMKHUZHFLILHG
 6LQJOH SKDVH KQIHZD VMLQGX FORVDSDFLWEXHUORVWH

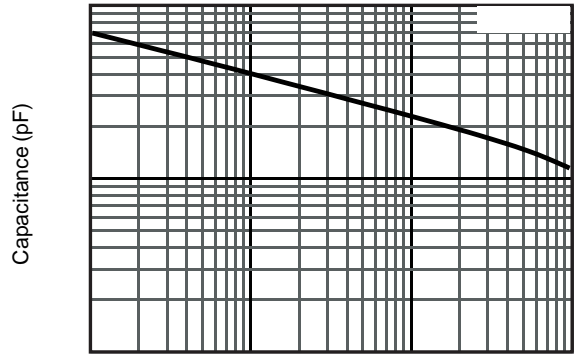
3DUDPHWHU	6\PEROV	: 5 * % 3	8QLWV
0D[LPXP 5HSHWLWLYH 3HDN 5954DU VH 9ROWDJH	9506		9
0D[LPXP 506 YROWDJH	9506		9
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\$YHUDJH 5HFWLILHG 2XWSXW & RUUH QW			\$
5HYHUVH 5HFRYHU\ 7LPH ,) \$,5 \$,55 \$	7UU		XV
3HDN)RUZDUG 6XUJH & XUUH QW +DOI 6LQH :DYH 6XSHULPSRV, H 63 R Q 5DWHG /RDG -('(& 0HWKRG		PV 6LQJOH H 63 R Q 5DWHG	\$
, WUDWROXVLQBV W PV	, W		\$ 6
0D[LPXP)RUZDUG WDW H\$	9)		9
0D[LPXP '& 5HYHUVH & XUUH QW #7\$ DW 5DWHG '& %ORFNLQJ 9ROWDJH #7\$		f & f &	\$
7\SLFDO -XQFWLRQ 18RVSDFLWD & MH			S)
2SHUDWLQJ DQG 6WRUDJH 7HPSHU WDWXUH 5DQJH			f &
1RWH0HDVXD MG+] DQSSOLHHYGHYURQV RD JH & 0RXQWHG RQ JODVV HSR\ \ 3' E'R(DUG< ZLWKP) FRSSHU SDG			

5 \$ 7 , 1 * 6 \$ 1 ' & + \$ 5 \$ & 7 (5 , 6 7 , & 6 & 7 5 9 (6 X Q O H V V R W K H U Z L V H Q R W H G



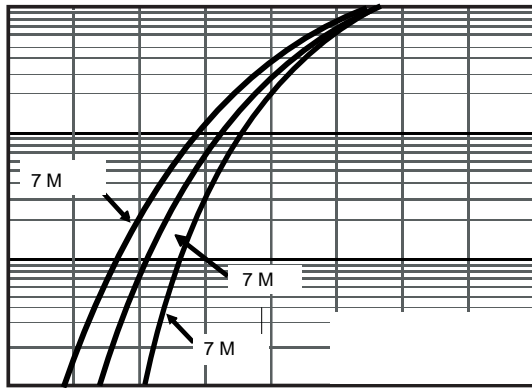
7 F & D V H 7 & H P S

Current Derating Case



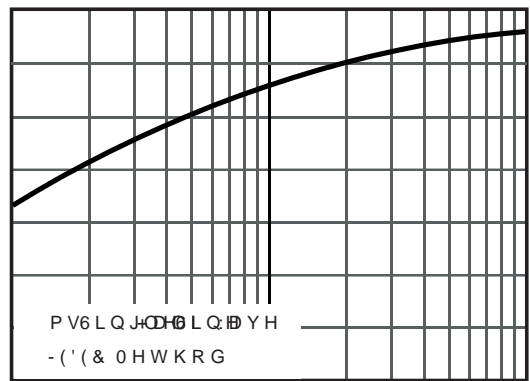
Reverse Voltage (V)

Typical Junction Capacitance



9 1 , Q V W D Q W D Q H R 9 R V O Y R D U Z H D U G

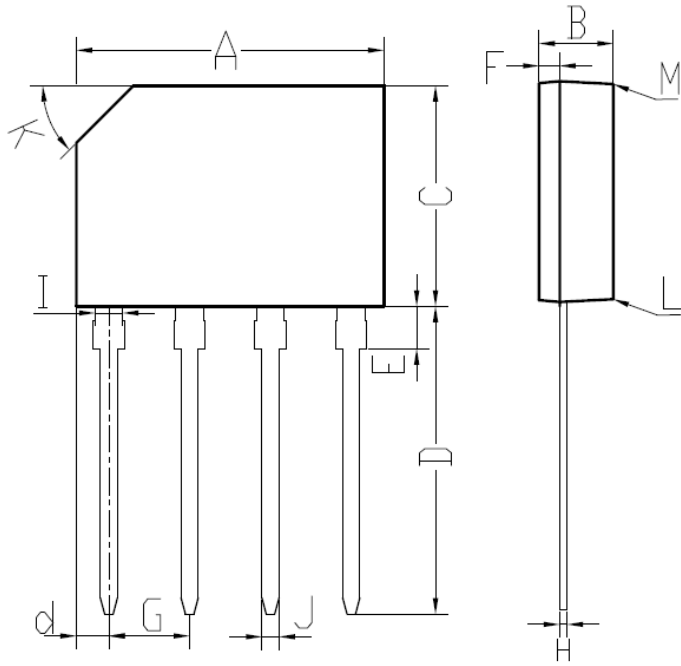
Typical Forward Voltage



9 5 5 H Y H U V H 9 R O W D J H

Typical Reverse Current

3 \$ & . \$ * (2 8 7 / , 1 (' , 0 (1 6 , 2 1 6



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