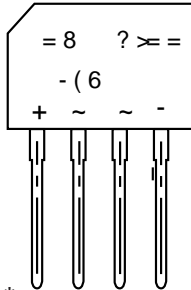


8OWUDVRIW 5HFRYHU\ %ULGJH



3, 11, 1\*

3, 1	'(6&5, 37, 21
	, Q SX V A A Q
	, Q SX V A A Q
	2XWSXW \$ Q R GH
	2XWSXW & A W K R G H

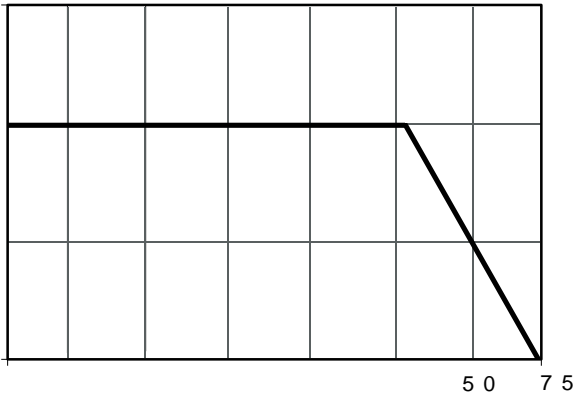
) HDWXUHV  
 ‡\* OD V DVVLYY DWLSC F W L R Q  
 ‡5HYHUVH 5HFRYHU\ 7LPH  
 ‡)RUZDUG 6XUJH & XUUH QW  
 ‡+LJXU & XUUH QW DELOLW\  
 ‡'HVLJQR 6XUIDR X \$ S SOLFDW L R Q  
 %HQHILWV  
 ‡&DVH.  
 ‡7HUPL 6ROGH 3B 0H 67'

0D[LPXP 5HSHWLWLYH 3HDN 5HFRYHU\ 7LPH

5DWLQV & DPEWHQSHUHQV RUMKHU\SLHFLILHG  
 6LQJOH SKDVH KQIHZD VMLQYX FORVDSDFLWEXHUORVWH

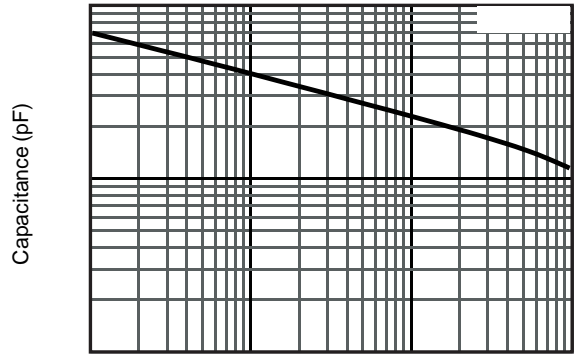
3DUDPHWHU	6\PEROV	: 5 * % 3	8QLWV
0D[LPXP 5HSHWLWLYH 3HDN 5HFRYHU\ 7LPH	5HFRYHU\ 7LPH	VH 9ROWDJH	9
0D[LPXP 506 YROWDJH	9506		9
0D[LPXP '& %ORFNLQJ 9ROWDJH	9	&	9
\$YHUDJH 5HFWLILHG 2XWSXW &RUUH QW			\$
5HYHUVH 5HFRYHU\ 7LPH ,) \$ ,5 \$ ,55 \$	7UU		XV
3HDN )RUZDUG 6XUJH & XUUH QW +DOI 6LQH :DYH 6XSHULPSRV, HGR RQ 5DWHG /RDG -('(& 0HWKRG		PV 6LQJOH RQ 5DWHG	\$
, WUDWROXVLQBV W PV	, W		\$ 6
0D[LPXP)RUZDUG 5DWHG	9)		9
0D[LPXP '& 5HYHUVH & XUUH QW #7\$ DW 5DWHG '& %ORFNLQJ 9ROWDJH #7\$		f & f &	\$
7\SLFDO -XQFWLRQ 6RVSDFLWD &MH			S)
2SHUDWLQJ DQG 6WRUDJH 7HPSWUDWDXUH 5DQJH			f &
1RWH0HDVX DQG] 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



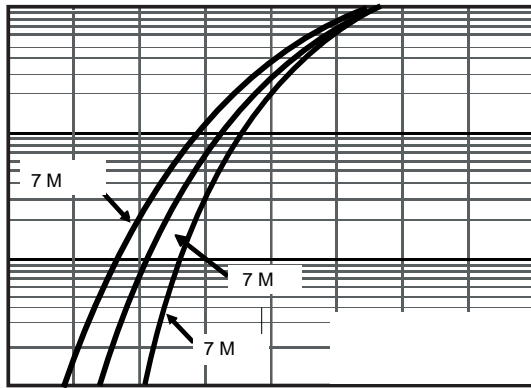
7 F & D V H 7 & H P S

Current Derating Case



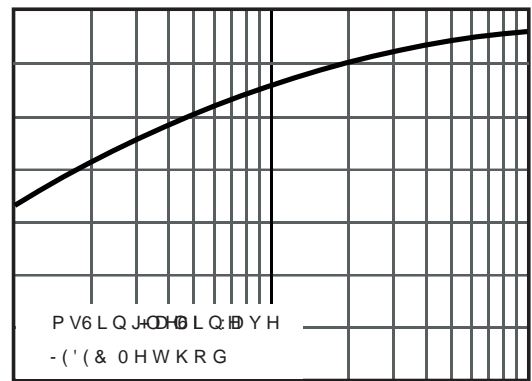
Reverse Voltage (V)

Typical Junction Capacitance



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

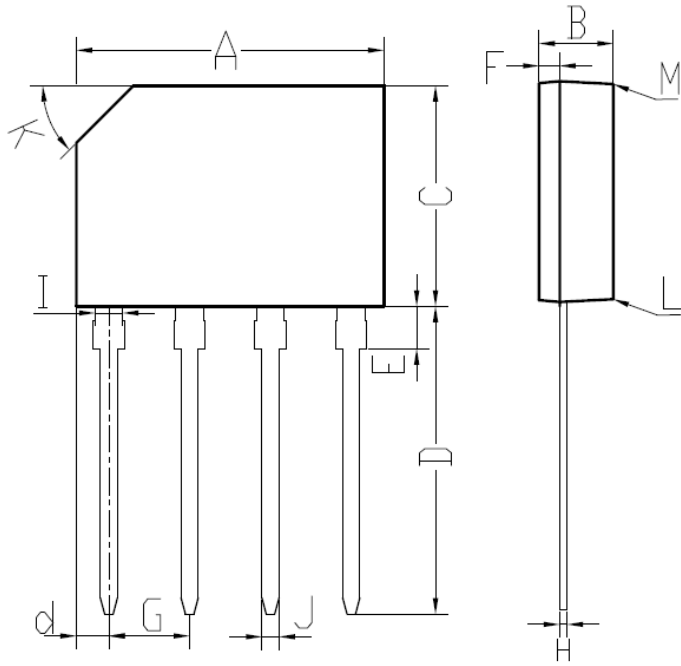
Typical Forward Voltage



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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\$ 0 0 ' L P H Q V L R Q V L Q P L O D L P H W H U		