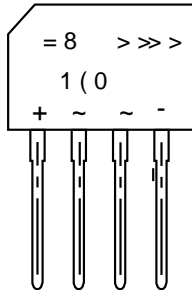


8OWUDVRIW 5HFRYHU\ %ULGJH



3, 11, 1\*

|      |                           |
|------|---------------------------|
| 3, 1 | '(6&5,37,21               |
|      | , Q S X V A A Q           |
|      | , Q S X V A A Q           |
|      | 2 X W S X W A Q R G H     |
|      | 2 X W S X W & A W K R G H |

) HDWXUHV  
 ‡\* OD V DVVLYY DWLSG F W L R Q  
 ‡5HYHURRWDJH9  
 ‡)RUZDUGUHQW  
 ‡+LJXU&XUUHQWDELQW\  
 ‡'HVLJQRGXUIDRKS'SOLFDFWLRQ  
 %HQHILWV  
 ‡&DVH%-  
 ‡7HUPLGROGHUHQH67'

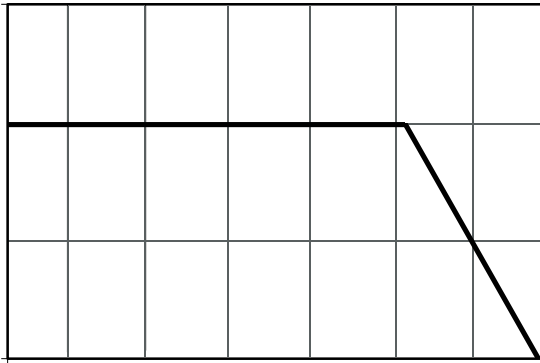
0D[LPXPDWLQOQGHFWBKBDDFWHULVWLFV

5DWLQVf&PELWQW SHUXQXUMKHU/SHFLILHG  
 6LQJOH SKDVH KQOIHZDVMUQGXFORVDSHEDSDFLWEXHUORQW

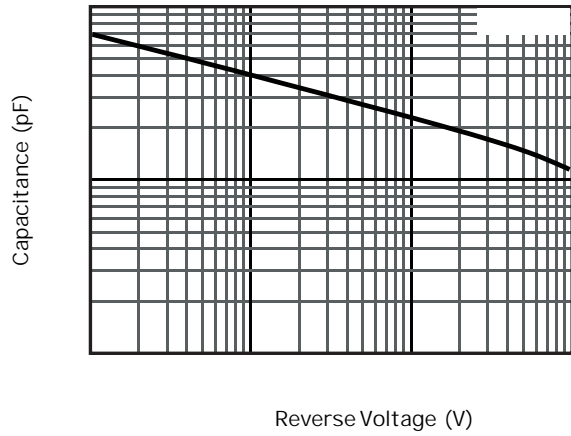
| 3DUDPHWHU  | 6\PEROV | : 5 . % - | 8QLWV |
|--|---------|-----------|-------|
| 0D[LPXP 5HSHWLWLYH 3HDN 5H5DU VH 9ROWDJH   | 9506    |           | 9     |
| 0D[LPXP 506 YROWDJH  | 9506    |           | 9     |
| 0D[LPXP '& %ORFNLQJ 9ROWDJH&   |         |           | 9     |
| \$YHUDJH 5HFWLILHG 2XWSXW &XUUHQW  |         |           | \$    |
| 5HYHUVH 5HFRYHU\ 7LPH<br>,) \$ ,5 \$ ,55 \$  | 7UU     |           | XV    |
| 3HDN )RUZDUG 6XUJH &XUUHQW PV 6LQJOH<br>+DOI 6LQH :DYH 6XSHULPSRV, HGR RQ 5DWHG<br>/RDG -('(& 0HWKRG |         |           | \$    |
| , WUDWROXVLQBV W PV  | , W     |           | \$ 6  |
| 0D[LPX)RUZDUG WDW H\$  | 9)      |           | 9     |
| 0D[LPXP '& 5HYHUVH &XUUHQW #7\$ f &<br>DW 5DWHG '& %ORFNLQJ 9ROWDJH #7\$ f &                         |         |           | \$    |
| 7\SLFDO -XQFWLRQ &RVSDFLWDQ&MH   |         |           | S)    |
| 2SHUDWLQJ DQG 6WRUDJH 7HPSWDDWXUH 5DQJHa   |         |           | f &   |
| 1RWH0HDVX DMC+] DQSSOLHHYGHURQVRD JH&<br>ORXQWHG RQ JODVV HSR\ \ 3& E'R(DUG< ZLWKP) FRSSHU SDG       |         |           |       |

: 5 . % -

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



Current Derating Case



Typical Junction Capacitance

50

Typical Forward Voltage

Typical Reverse Current

**KBJ**

