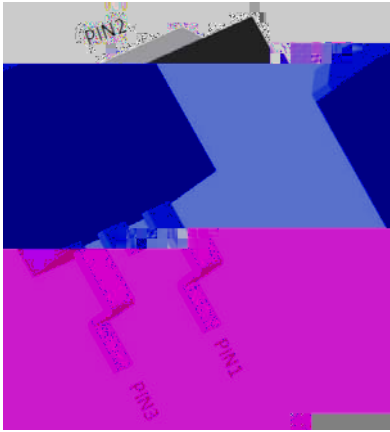




General Purpose Rectifier

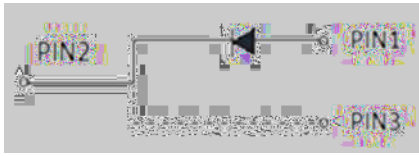


Typical Applications

7\SLFDO DSSOLFDWLRQV DUH LQ VZLWFKLQJ
IUHHZKHHOLQJ GLRGHV DQG UHYHUVH EDW

Mechanical Data

"PI T



| | | | GPB1010 |
|---|--------------------|---|---------|
| 'HYLFH ODUNLQJ &RGH | | | * 3% |
| OD[LPXP 5HSHWLWLYH SHDN UHYHUVH 9ROWDJH 9 | | | |
| OD[LPXP 506 9ROWDJH | 9 ₅₀₆ | 9 | |
| OD[LPXP '& %ORFNLQJ 9ROWDJH | 9 _{&} | 9 | |
| \$YHUDJH 5HFWLILHG 2XWSXW &XUHQW # +] KDOI VLQH ZDYH 5 ORDG 7F),* | | | |
| 6XUJH 1RQ UHSHWLWLYH)RUZDUG &XUHQW # +] KDOI VLQH ZDYH - F\FOH 7D ,)60 | | | |
| &XUHQW 6TXDUHG 7LPH # PV"W | PV,7D | | \$ V |
| 7\SLFDO MXQFWLRQ FDSDFLWDQFH # 0+] DQG \$\$\$OLHG 5HYHUVH 9ROWDJH RI 9 '& | | | |
| 6WRUDJH 7HPSHUDWXUH | 7VWJ | - | a |
| -XQFWLRQ 7HPSHUDWXUH | 7M | - | a |

Electrical Characteristics 7D 8QOHVV RWKHU 7LVH VSHFLILHG

| PARAMETER | SYMBOL | UNIT | TEST CONDITIONS | GPB1010 |
|---|--------------------|-----------|-----------------|---------|
| OD[LPXP LQVWDQWDQH YROWDJH GURS SHU GLRGH | RXV)RUZDUG 9)0 | 9 | ,)0 \$ | |
| OD[LPXP '& UHYHUVH F&EORFNLQJ YROWDJH | XUHQW DW SHU GLRGH | UDWHG X\$ | 950 9550 7D - | |
| | | | 950 9550 7D - | |



GPB1010

Thermal Characteristics 7D 8QOHVV RWKHUÄLVH VSHFLILHG

| PARAMETER | SYMBOL | UNIT | GPB1010 |
|-----------------|------------|------|-------------------------|
| 7\SLFDO 7KHUPDO | 5HVLVWDQFH | %HWZ | 5HJQ MXQF-WLRQ DQG FDVH |

Ordering Information ([DPSOH

| PREFERED P/N | UNIT WEIGHT(g) | MINIMUM PACKAGE(pcs) | INNER BOX QUANTITY(pcs) | OUTER CARTON QUANTITY(pcs) | DELIVERY MODE |
|--------------|----------------|----------------------|-------------------------|----------------------------|---------------|
| * 3 % | \$SSUR[LPDWH | | | | 7XEH |

Characteristics 7\SLFDO

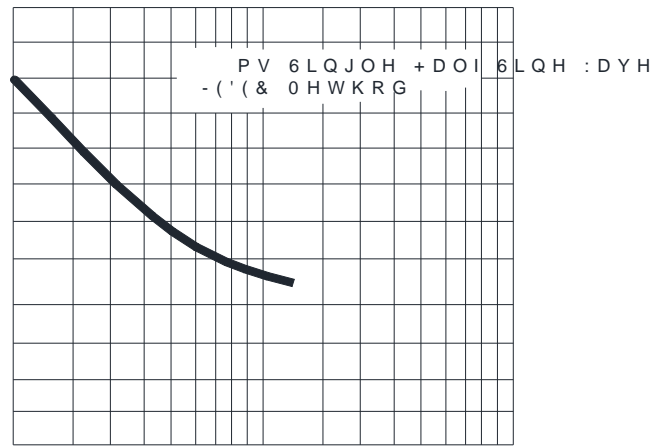


FIG3: Typical Forward Voltage

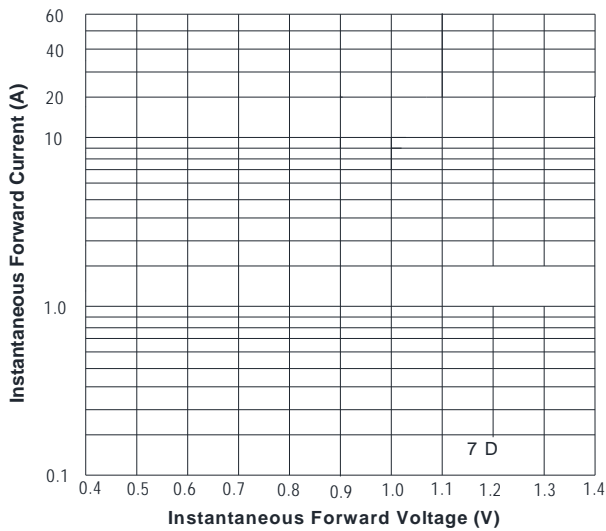
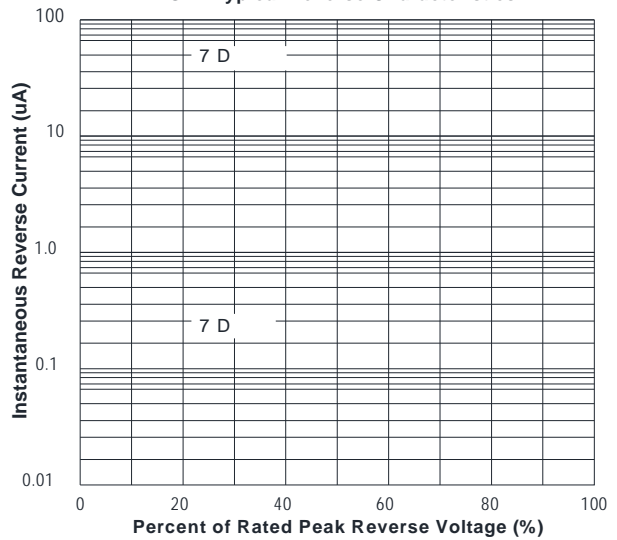


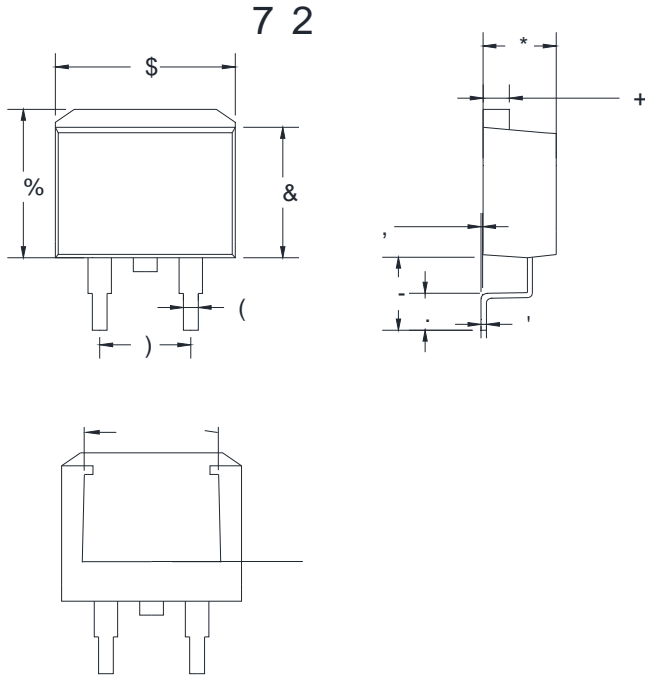
FIG4: Typical Reverse Characteristics





GPB1010

Outline Dimensions



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'LPHQVLRQV LQ PLOOLPHWHUV

* 3 %

'LVFODLPHU

7KH LQIRUPDWLRQ V GHVFXQWV LQ WKH UDQGHU JKRQF HDUHQ OZH FHOHFWUR &LF /VHG UHV
ULJKW WR PDNLWKRDXW IRU VSH FIRU RYVSLRQG R FWWV GLV SPSURYGHKUHUGLDEWGLWV L JQQ F
RU RWKHU ZLVH

7KH SURGXFW OL VGHV IJHGH WR EH HOHFWZLWK R HG XQSRHQW RU GHYLFHW KDQG Q
HTXLSPHQW RU GHYLFHV ZKLFK UHTXLMKHKE DIO IZLWV R R X D H O G D E H C H W K D F K Q D O L I H
PHGLFDO LQVWUXPHVWV WDWLRQ HURXLSH H R X F O L H O U U H D F W R H O F F R O W W U R R O O H W V D Q
GHYLFHV <DQJMLHVRV DOKBQH BQVXRIV VARRWHO SBRVQLEWV R O VDIQ JGIDRPJMMFK LP
RI VDOH

7KLV SXEOLFDFWLRQ SVXSSHUW HDGVLQURUPDXVLSRQ LSGHYRUR XDGGLWLRQDO LQWRUPDWLR
KWVZZ \DQJMLHRRRPRQVXOW \RXU QHDUHVW <DQJMLVHMVQVDFHOHV RILFH IRU IXUW