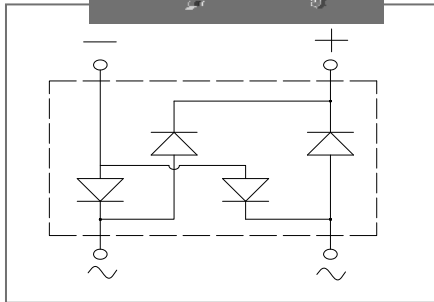
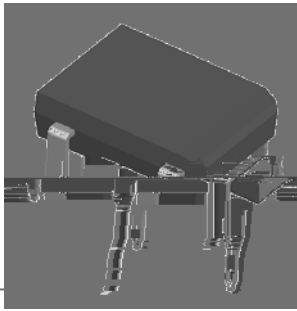




## Bridge Rectifiers



## Features

- " 8/ UHFRJQILWHRQ
- " \*ODVV SDVVLVDWHG FKLS MXQFWLRQ
- " +LJK VXUJH FXUUHQW FDSDELOLW\
- " 6ROGHU GLS Y & SHUJ - (6' %

## Typical Applications

- \*HQHUDO SXUSRVH XVH LQ \$& ' & EULGJH IXO
- IRU 6036 OLJKWLQSWEDODWWHDGFKDUJHU
- DSSOLDQFHVTXESILHQW DQG WHOHFRPPXQLF
- DSSOLFDWLRQV

## Mechanical Data

- " Package ' % /
- 0ROGLQJ FRPSRXQG PHHWDPPDELOLW\
- UDWLQJ 5RDOQRPSOLRQHJH IUHH
- " Terminals 7LQ SODWHG OHDGV VROGHUDEOH S
- 67' DQG - (6' %
- " Polarity: \$V PDUNHG RQ ERG\

## Maximum Ratings 7 8QOHVV RWKHU\LVH VSHFLILHG

| PARAMETER                                                              | SYMBOL | UNIT | DBL101 | DBL102 | DBL103 | DBL104 | DBL105 | DBL106 | DBL107 |
|------------------------------------------------------------------------|--------|------|--------|--------|--------|--------|--------|--------|--------|
| 'HYLFH PDUNLQJ FRGH                                                    |        |      | ' % /  | ' % /  | ' % /  | ' % /  | ' % /  | ' % /  | ' % /  |
| 0D[LPXP 5HSHWLWLWH 3HDN 5HSHUWH 9ROWDJDJH                              |        |      |        |        |        |        |        |        |        |
| 0D[LPXP ' & EORFNLQJ 9ROWDJDJH                                         |        | 9    |        |        |        |        |        |        |        |
| \$YHUDJH UHFWLILHG RXWSXW FXUUHQW<br># +] VLQH ZDYH 5 ORDG 7F          |        | \$   |        |        |        |        |        |        |        |
| )RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLWH<br># +] +DOI VLQH ZDYH - F\FOH 7M |        | \$   |        |        |        |        |        |        |        |
| )RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLWH<br># PV VTXDUH ZDYH - F\FOH 7M    |        | \$   |        |        |        |        |        |        |        |
| &XUUHQW VTXDUHG WLP<br># PV"W PV 7M5DWLQJ RI SHU GLRGH                 |        | \$ V |        |        |        |        |        |        |        |
| 6WRUDJH WHPSHUDWXUH                                                    | 7VWJ   | -    |        |        |        | a      |        |        |        |
| -XQFWLRQ WHPSHUDWXUH                                                   | 7M     | -    |        |        |        | a      |        |        |        |

## Electrical Characteristics 7 8QOHVV RWKHU\LVH VSHFLILHG

| PARAMETER                                                                        | SYMBOL | UNIT | TEST CONDITIONS | DBL101 | DBL102 | DBL103 | DBL104 | DBL105 | DBL106 | DBL107 |
|----------------------------------------------------------------------------------|--------|------|-----------------|--------|--------|--------|--------|--------|--------|--------|
| 0D[LPXP LQVWDQW DQHRXV<br>IRUZDUG YROWDJDJH GURS SHU GLRGH                       |        | \$   |                 |        |        |        |        |        |        |        |
| 0D[LPXP ' & UHYHUVH FXUUHQW 7M -<br>DW UDWHG ' & EORFNLQJ YROWDJDJH<br>SHU GLRGH |        |      | 7M -            |        |        |        |        |        |        |        |
| 7\SLFDO MXQFWLRQ FDSDFLWDOGHSSO&MG 5HSHUWH<br>9ROWDJDJH RI 9 ' &                 |        |      |                 |        |        |        |        |        |        |        |



DBL101 THRU DBL107

Thermal Characteristics

| PARAMETER                     | SYMBOL | UNIT | DBL101 | DBL102 | DBL103 | DBL104 | DBL105 | DBL106 | DBL107 |
|-------------------------------|--------|------|--------|--------|--------|--------|--------|--------|--------|
| 7\SLFDO 7KHUPDO 5HVLV/WDQFH : | 5 - \$ |      |        |        |        |        |        |        |        |
|                               | 5 - \$ |      |        |        |        |        |        |        |        |
|                               | 5 - &  |      |        |        |        |        |        |        |        |

1RWH 'HYLFH PRXQWHG RQ 3 & % ZLWK PP PP PP

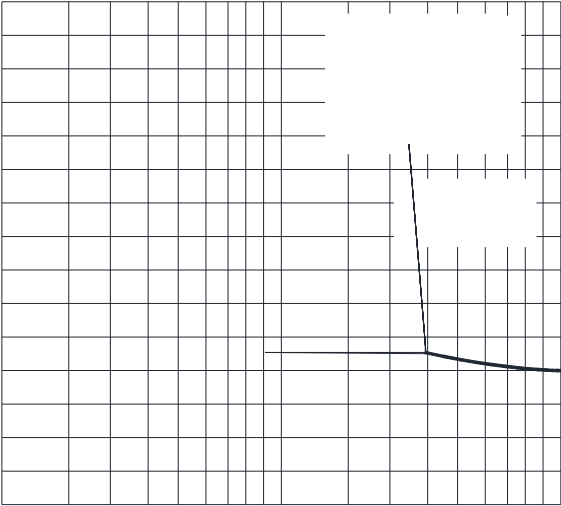
Ordering Information (Example)

| PREFERED P/N | PACKING CODE | UNIT WEIGHT(g) | MINIIMUM PACKAGE(pcs) | INNER BOX QUANTITY(pcs) | OUTER CARTON QUANTITY(pcs) | DELIVERY MODE |
|--------------|--------------|----------------|-----------------------|-------------------------|----------------------------|---------------|
| '% / a '% /  | %            | \$SSUR[LPDWH   |                       |                         |                            |               |

7XEH

Characteristics (Typical)

Peak Forward Surge Current(A)



## **DBL101 THRU DBL107**

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DBL101 THRU DBL107

Disclaimer

7KH LQIRUPDWLRQ VSHFWXHQWQV LQ WKULUDHQHJKRXFKDRQQOLZHF(QHFWURQLF /WHG UHV  
ULJKW WR PDNLHWKRXQHQWVSHFIRIWRVSLRQG RFWV GLVSDURGHKHUHLQERLQGHV LJKQ  
RU RWKHUZZLVH

7KH SURGXFWQLVGHV IJHQH WR EHHKWGHGZLWQLRUGXQSRHQW RU GHYLFHWKQG Q  
HTXLSPHQW RU GHYLFHV ZKLFK UHTXLWKHKEDIOHQVWOLRXDIBOQDDEHQWOKDQKQDOLIH  
PHGLFDO LQVWUXEHQVWHDQWRQHUTXLSPH QXFKLHQ UHDFWKHU FRQWURROOHV DQ  
GHYLFHV <DQJMLHFWREHQBHQBSUVXPHVVQB ÆHVSQPRPVI GHYLPQV ÆHVSQPRPVI