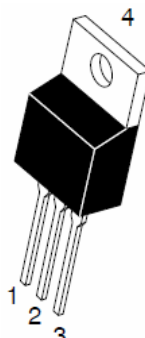
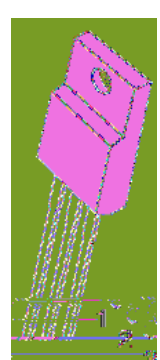


7UHQFK 026 %DUULHU 6FKRWWN\ 5H

TO-220AB  
TSR & 7



ITO-220AB  
TSR & 7)

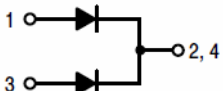


### Features

- ‡ \$GYDQWUHQFK WHFKQRORJ\
- ‡ /RZRZURGRWDJH GURS
- ‡ /RZRZURVVHV
- ‡ +LJKILFLHQF\ RSHUDWLRO
- ‡ /HDGHHLQLVK &RPSOLDQW

### Applications

- ‡ '&' & RQYHUWHUV
- ‡ \$&' & GDSWRUV
- ‡ 6ZLWFKRZHXSSOLHV
- ‡ )UHHZKHHLRGRJ



Maximum ratings and electrical characteristics (T<sub>J</sub> = 25°C unless otherwise noted)

| 3DUDPHWHU                                  |  | 6\PERO    | /LPLW  | 8QLW   |   |
|--|--|-----------|--------|--------|---|
| 0D[LPXPHSHVSHUNYHYURQHW DJH                |  | 9550      |        | 9      |   |
| 0D[LPXPHYHURJHZDUG UFKUWHIHWG              |  | , ) \$9   |        | \$     |   |
| GHYLFH<br>SHGLRGH                          |  |           |        |        |   |
| 3HDN IRVZDUEBUUHQW VLQDQH ZDYH             |  | , ) 60    |        | \$     |   |
| VXSHULPSRVHGRFSGUDRCHG                     |  |           |        |        |   |
| 2SHUDMXQDQLRQWRUDJH WHPSHUDW               |  | X0H 060JH | WR     | f &    |   |
| 7\SLFVCHUPDO USHVULVQHDQFH                 |  | 72 \$%    | 5\$-&  | f & :  |   |
|  |  | ,72 \$%   |        | f & :  |   |
| ,QVWDQWDQHRROWRUJZDUG<br>SHGLRGH           |  | 9)        | 7 < 3  | 0\$;   |   |
|  |  |           | , ) \$ | 7- f & | 9 |
|  |  |           | , ) \$ | 7- f & |   |
|  |  |           | , ) \$ | 7- f & |   |
| ,QVWDQWDQHRXUUSHOMRQWH<br>UDWHYHYURQHW DJH |  | ,5        |        | X\$    |   |
|  |  |           |        | P\$    |   |

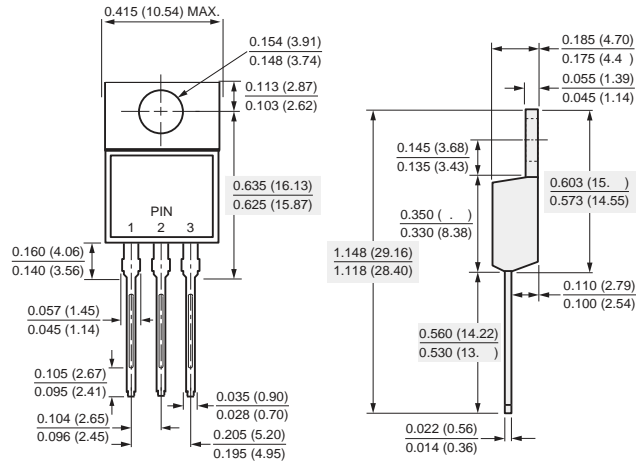
1RWHV  
3XOVH WHVVSXOVH ZLGWK GXW\F\FOH  
3XOVH WHVW 3XOPVH ZLGWK 0

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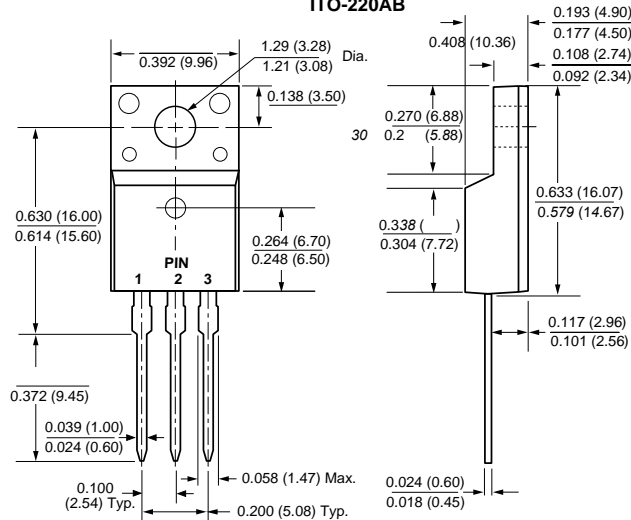
PACKAGE OUTLINE DIMENSIONS

1 R W H X Q L W , Q P P

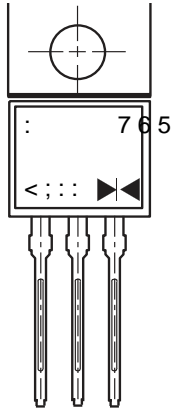
TO-220AB



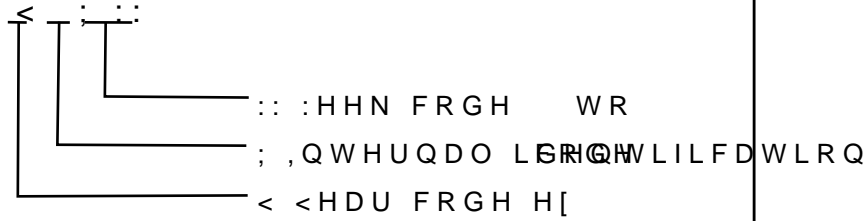
ITO-220AB



### Marking Information

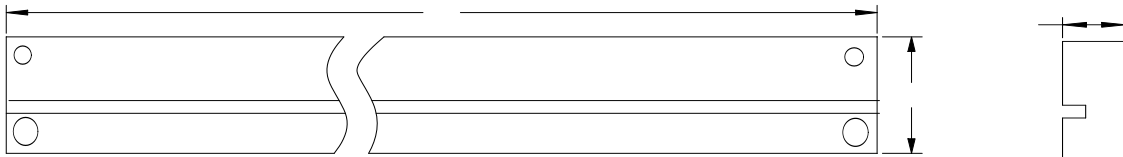


3URGXFW 765 910 & 7RU 765 (7)  
 3' & LQIRUPDWLRQ



### Packaging Information

7XEH 'LPHQVLRQV



,QVLGH %R[

2XWVLGH %R[

### Packaging Information

| 12   | 81, | 7XEH 'LPHQVLRQV  |   |   | ,QVLGH %R[                   |   |   | 2XWVLGH %R[      |   |   |
|------|-----|------------------|---|---|------------------------------|---|---|------------------|---|---|
| 6L]H | PP  | \$               | % | & | /                            | : | + | /                | : | + |
| 47<  | 3&6 | 3&6 7XEH         |   |   | 6PDO SHFWDJH3&6<br>WXE VRWDO |   |   | 3&6 FDUERGLWRWDO |   |   |
| 1RWH |     | 7ROHUDQFH PP" PP |   |   | PP" PP                       |   |   | PP" PP           |   |   |