

## Small signal schottky barrier diode

Model: LL60/LL60P  
 Small Signal Schottky Barrier Diode

Electrical Characteristics:

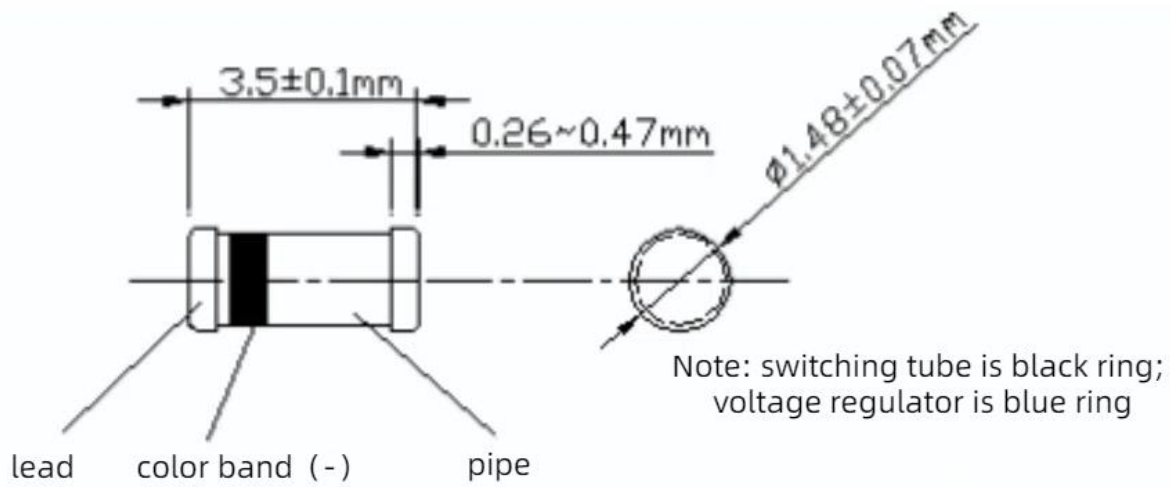
- Low forward voltage drop
- Low switching noise
- Low power consumption
- High switching capacity
- High efficiency
- High Reliability
- High Temperature Welding Guarantee

Package : LL34

Polarity: The color ring to mark the cathode

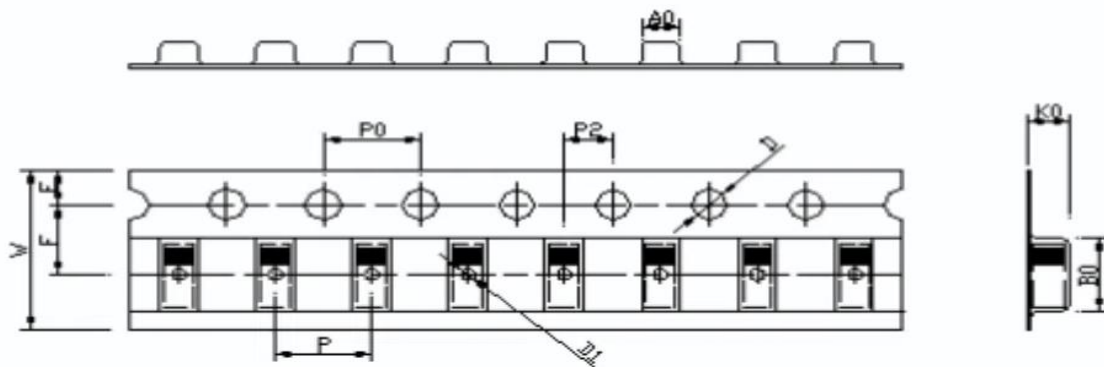
| Parameter | Reverse Voltage | Maximum Average Rectified Current | Maximum Peak Forward Current | Maximum Reverse Current @ 25°C TA |       | Maximum Forward Voltage @ 25°C TA |       | Rectification Efficiency | Maximum Junction Capacitance | Maximum Reverse Recovery Time |
|-----------|-----------------|-----------------------------------|------------------------------|-----------------------------------|-------|-----------------------------------|-------|--------------------------|------------------------------|-------------------------------|
|           |                 |                                   |                              | $I_R$                             | $V_R$ | $V_{FM}$                          | $I_F$ |                          |                              |                               |
| Symbol    | $V_R$           | $I_o$                             | $I_P$                        | $I_R$                             | $V_R$ | $V_{FM}$ @ $I_F$                  |       | $\eta$                   | $C_j$                        | $T_{rr}$                      |
|           | V               | mA                                | mA                           | $\mu A$                           | V     | V                                 | mA    | %                        | pF                           | ns                            |
| LL60      | 25              | 30                                | 150                          | 0.6                               | 15    | 0.4                               | 1     | 65                       |                              | 1                             |
|           |                 |                                   |                              |                                   |       | 0.8                               | 10    |                          |                              |                               |
| LL60P     | 25              | 100                               | 200                          | 2                                 | 15    | 0.3                               | 1     | 55                       |                              | 2                             |
|           |                 |                                   |                              |                                   |       | 0.6                               | 30    |                          |                              |                               |

## LL34 Diode body outline diagram:



Diode Body Outline Diagram

## LL34 Diode taping outline diagram:



|                 |                 |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| W               | P               | E               | F               | D               | D1              |
| $8.00 \pm 0.10$ | $4.00 \pm 0.10$ | $1.75 \pm 0.10$ | $3.50 \pm 0.05$ | $1.50 \pm 0.10$ | $1.00 \pm 0.10$ |
| P0              | P2              | A0              | B0              | K0              |                 |
| $4.00 \pm 0.10$ | $2.00 \pm 0.05$ | $1.70 \pm 0.10$ | $3.80 \pm 0.10$ | $1.85 \pm 0.10$ |                 |