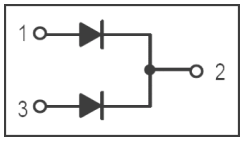
TO-3P

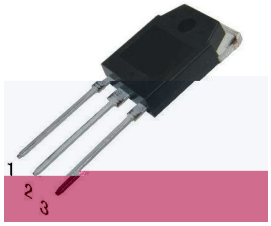
Schottky Barrier Diode in a TO-3P Plastic Package.

Low forward voltage drop, low power losses, High efficiency operation.

OR-ing DC-DC

For use in high frequency inverters, switching power supplies, freewheeling diodes, OR-ing diode, dc-to-dc converters and reverse battery protection.

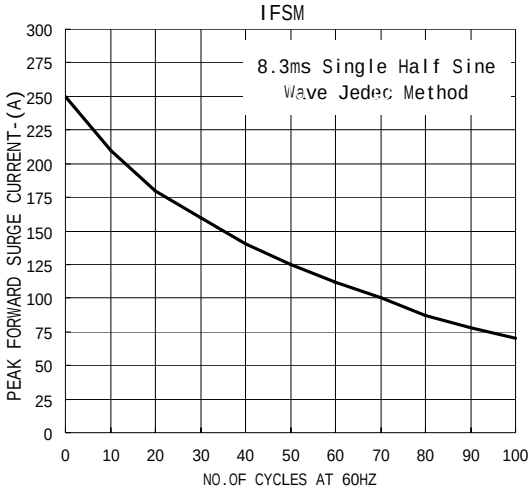


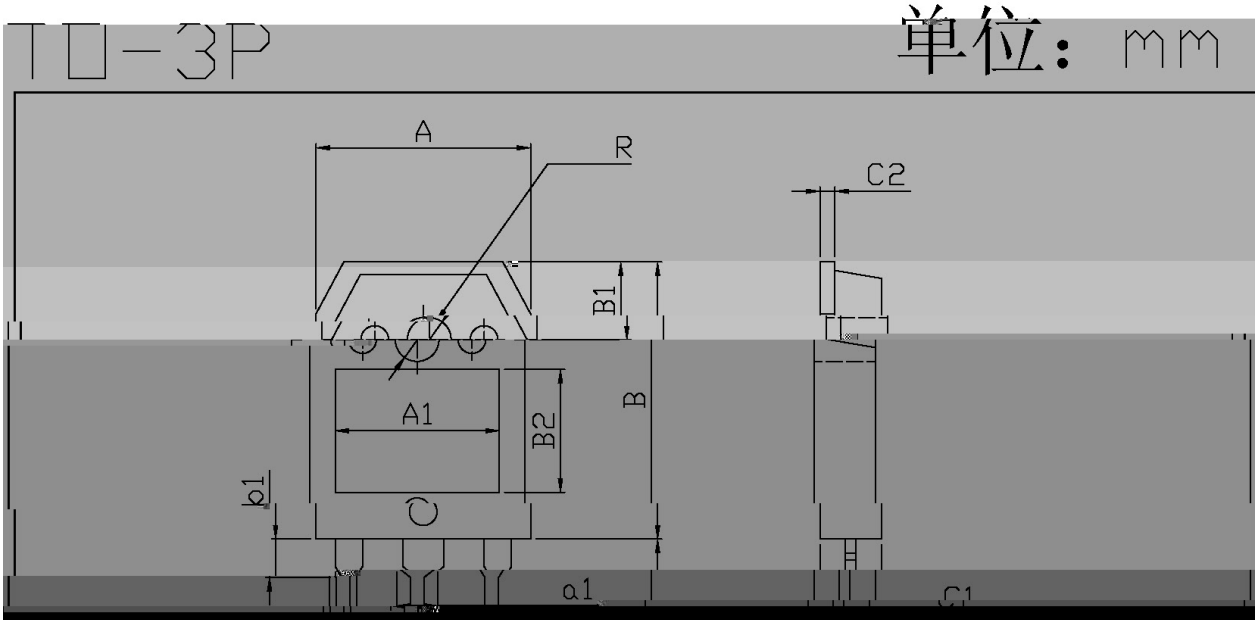

PIN1 Anode PIN 2 Cathode PIN 3 Anode

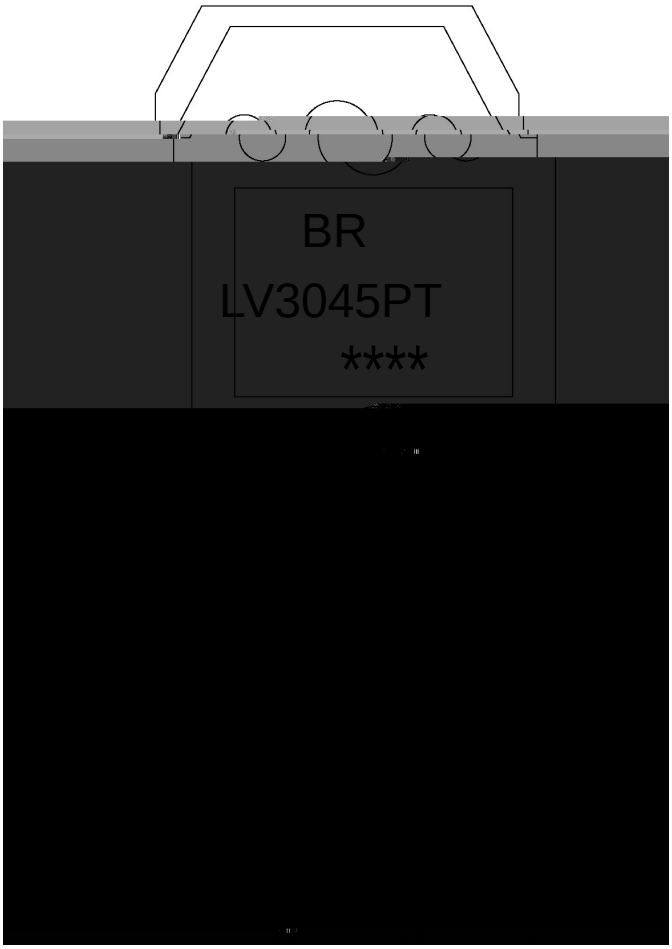
See Marking Instructions.

| Parameter | Symbol | Rating | Unit |
|---|---|---|---|
| Repetitive peak reverse voltage | $V_{RRM}$ | 45 | V |
| Average forward current | $I_{F(AV)}$ | 2×15 | A |
| Non-Repetitive Peak Forward Surge Current | $I_{FSM}$ | 250 | A |
| Thermal Resistance Junction to Ambient case | $R_{\theta Jc}$ | 1.5 | /W |
| Junction and Storage Temperature Range | $T_j$ $T_{stg}$ | -40 +150 | |


IFSM
8.3ms Single Half Sine
Wave Jedec Method
PEAK FORWARD SURGE CURRENT-(A)
300
275
250
225
200
175
150
125
100
75
50
25
0
0
10
20
30
40
50
60
70
80
90
100
NO.OF CYCLES AT 60HZ

TO-3P 单位：mm






BR

LV3045PT

****

Note:

| | |
|---|---|
| BR: | Company Code. |
| LV3045PT: | Product Type. |
| ****: | Lot No. Code, code change with Lot No. |