

## TO-3P

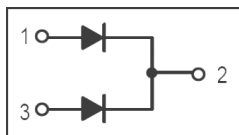
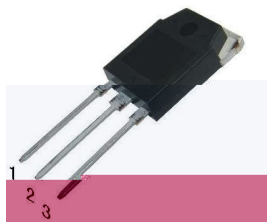
Schottky Barrier Diode in a TO-3P Plastic Package.

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

OR-ing

DC-DC

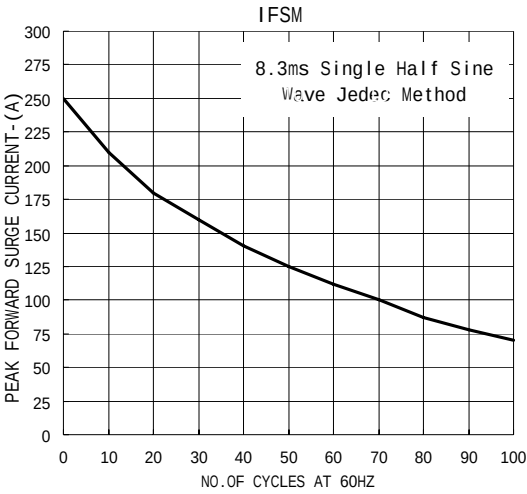
For use in high frequency inverters, switching power supplies, freewheeling diodes, OR-ing diode, dc-to-dc converters and reverse battery protection.

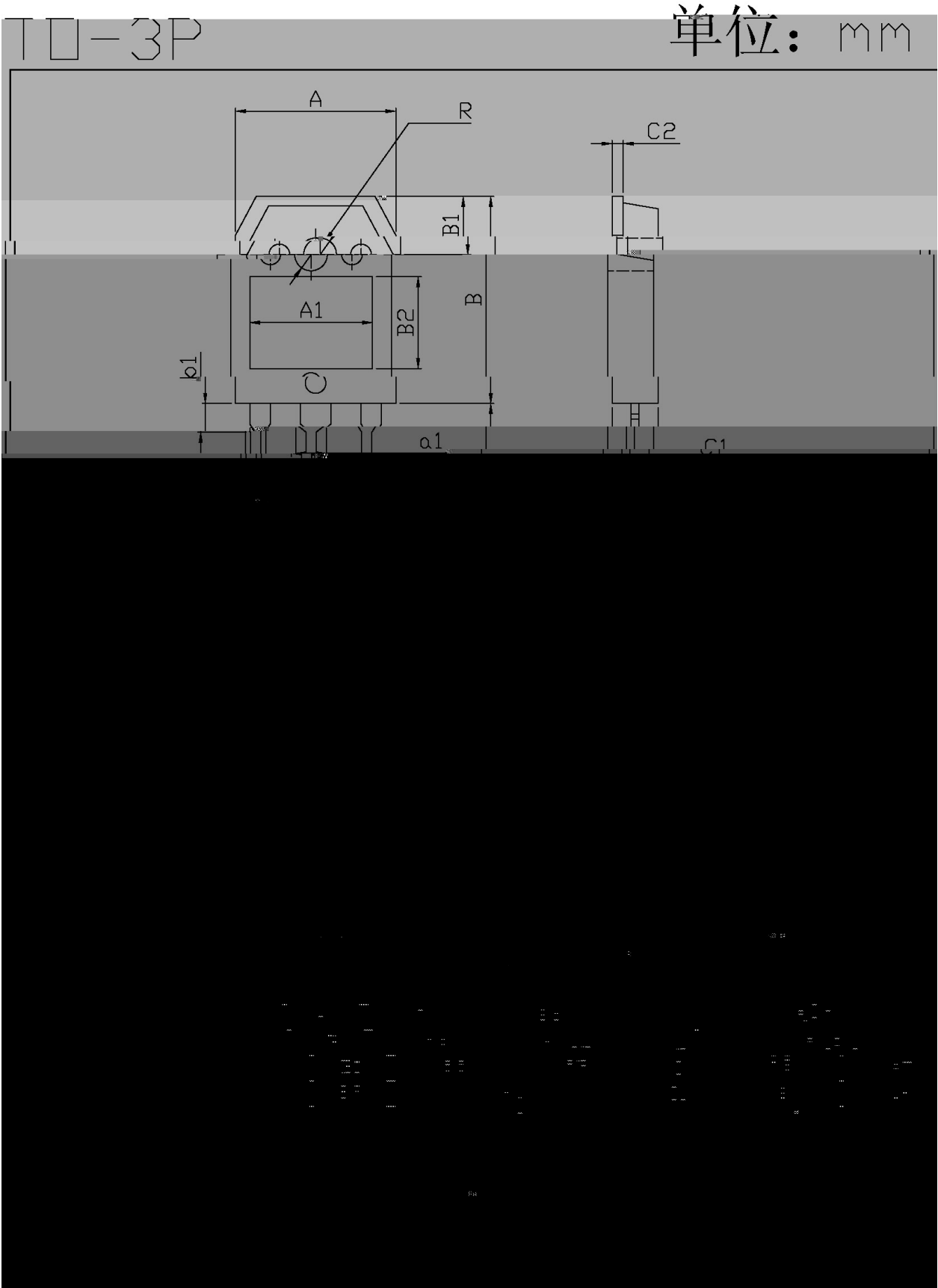


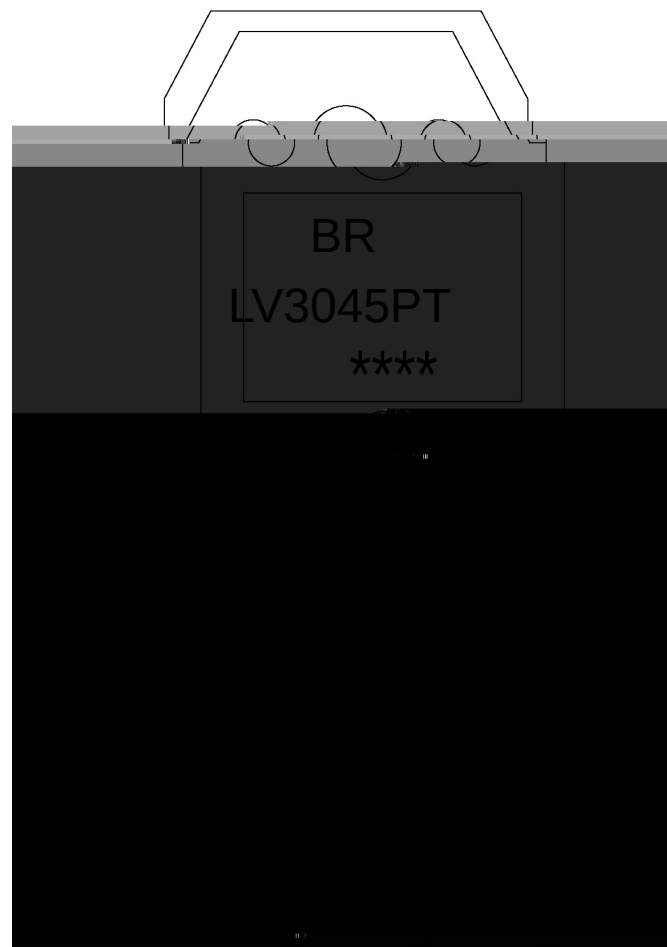
PIN1 Anode PIN 2 Cathode PIN 3 Anode

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 |      |







BR

LV3045PT

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Note:

BR: Company Code.

LV3045PT: Product Type.

\*\*\*\*: Lot No. Code, code change with Lot No.

