

Rev.A Jan.-2017

R-6

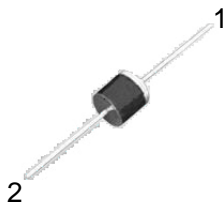
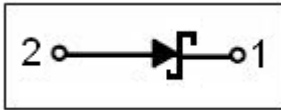
Schottky Barrier Diode in a R-6 Plastic Package.

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

OR-ing

DC-DC

For use in solar cell junction box as a bypass diode for protection, high frequency inverters, switching power supplies, freewheeling diodes, OR-ing diode, dc-to-dc converters and reverse battery protection.



PIN1 Cathode      PIN 2 Anode

See Marking Instructions.

| Parameter                               | Symbol    | Rating | Unit |
|---|-----------|--------|------|
| Maximum repetitive peak reverse voltage | $V_{RRM}$ |        |      |

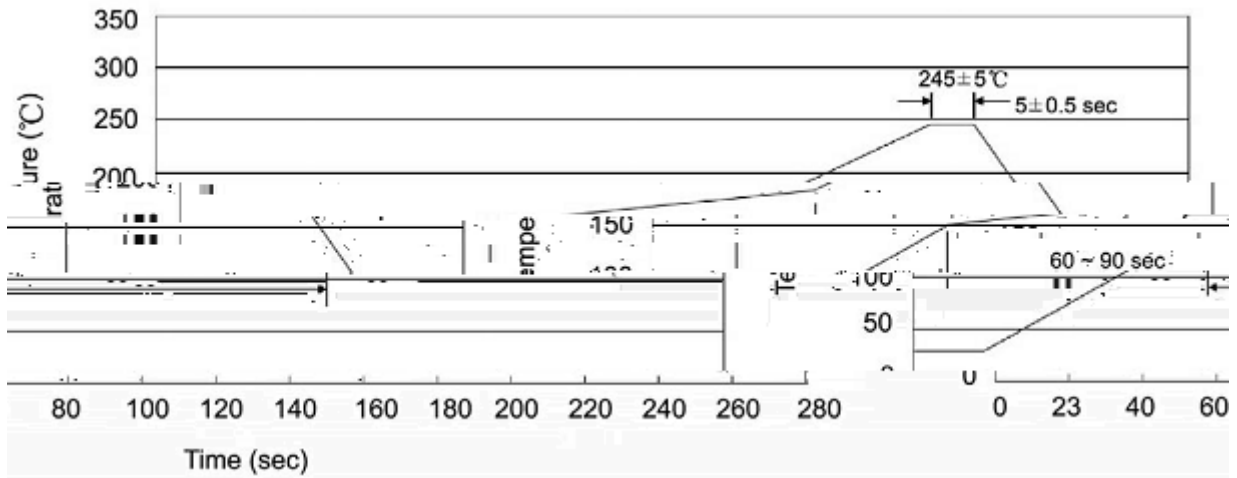
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30T45

Note:

30T45      Product Type Code.

**Temperature Profile for IR Reflow Soldering(Pb-Free)**


Note:

- |   |       |     |    |           |   |
|---|-------|-----|----|-----------|---|
| 1 | 25    | 150 | 60 | 90sec;    | 1.Preheating:25~150 , Time:60~90sec.    |
| 2 | 245±5 |     |    | 5±0.5sec; | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 |       |     | 2  | 10 /sec.  | 3. Cooling Speed: 2~10 /sec.            |

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ BULK

| Package Type | Units     |                 |                 | Dimension (unit mm <sup>3</sup> ) |             |
|--------------|-----------|-----------------|-----------------|-----------------------------------|-------------|
|              | Units/Bag | Units/Outer Box | Gross Weight/Kg | Inner Box                         | Outer Box   |
| R-6          | 250       | 6,000           | 14              | 293×73×40                         | 330×330×270 |

/ AMMO

| Package Type | Units      |                 |                 | Dimension (unit mm <sup>3</sup> ) |            |            |             |
|--------------|------------|-----------------|-----------------|-----------------------------------|------------|------------|-------------|
|              | Units/Tape | Units/Outer Box | Gross Weight/Kg | Component Space                   | Tape Space | Inner Box  | Outer Box   |
| R-6          | 500        | 5,000           | 12              | 9.5                               | 52         | 360×360×50 | 385×257×392 |