

/ Descriptions

R-6

Schottky Barrier Diode in a R-6 Plastic Package.

/ Features

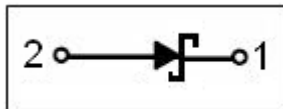
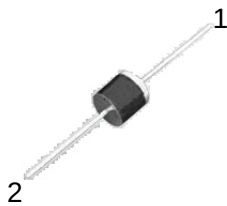
Low forward voltage drop, low power losses, High efficiency operation.

/ Applications

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.

/ Equivalent Circuit**/ Pinning**

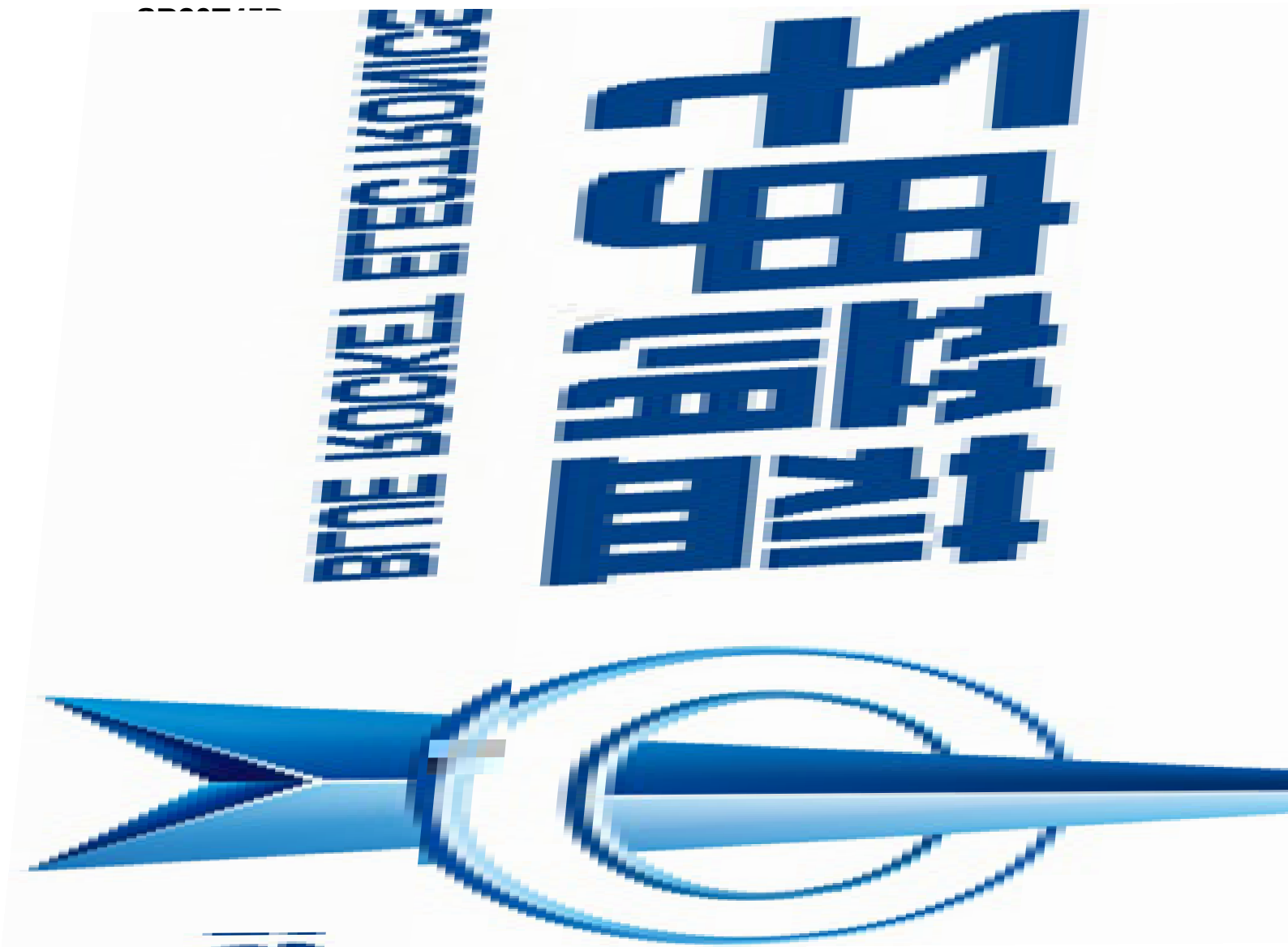
PIN1 Cathode

PIN 2 Anode

/ h_{FE} Classifications & Marking

See Marking Instructions.

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



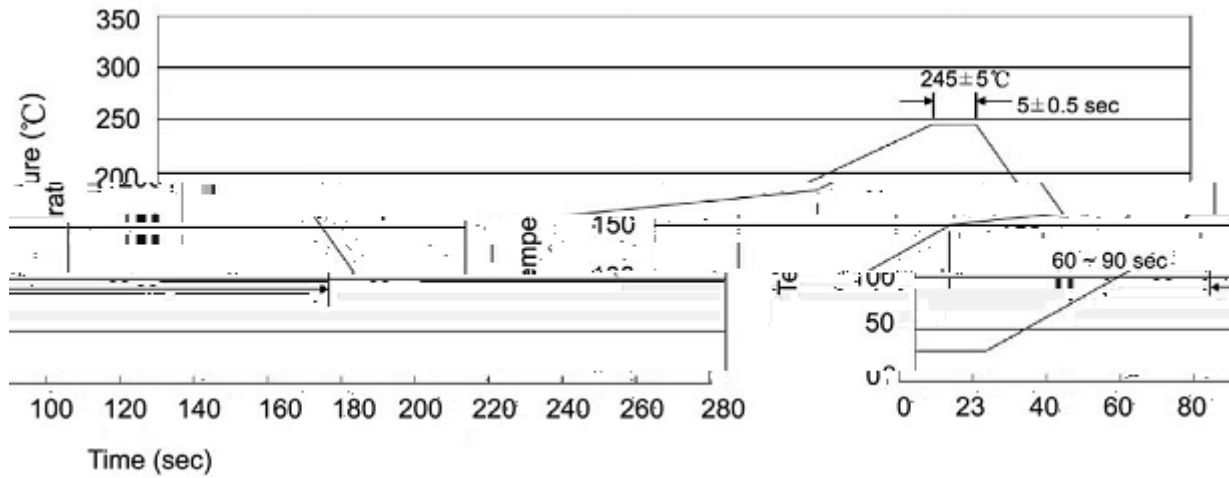
/ Marking Instructions



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. |

/ Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.
/ BULK

Package Type	Units			Dimension (unit mm ³)	
	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 ³)			
	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

/ Notices