

# SR30T45P

Rev.A Jan.-2017

## / Descriptions

R-6

Schottky Barrier Diode in a R-6 Plastic Package.

## / Features

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

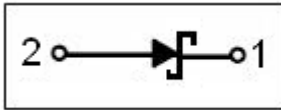
## / Applications

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

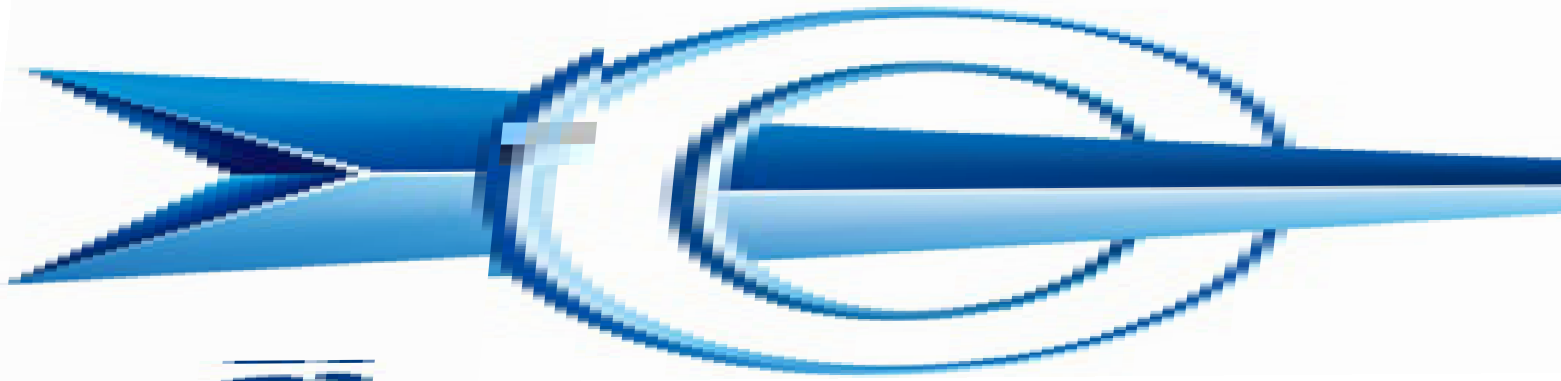
## / h<sub>FE</sub> Classifications & Marking

See Marking Instructions.

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

AT THE SOCKET ELECTRICAL

電線



/ Marking Instructions

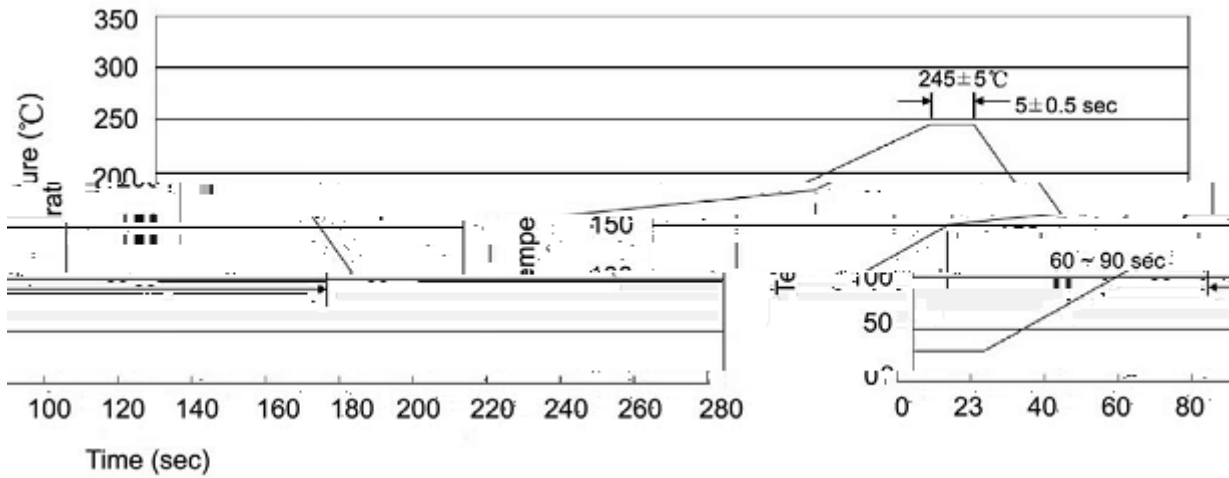


30T45

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 <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

/ Notices