



**Electrical Characteristics**

| Type No. | Maximum Allowable Voltage |        | Varistor Voltage V /1mA |           | Maximum Clamping Voltage V@10A (V) | Withstanding Surge Current |             | Rated Wattage (W) | Energy 10/1000us (J) | Certification |
|----------|---------------------------|--------|-------------------------|-----------|------------------------------------|----------------------------|-------------|-------------------|----------------------|---------------|
|          | ACrms (V)                 | DC (V) | (V)                     | Tolerance |                                    | 1 Time (A)                 | 2 Times (A) |                   |                      |               |
| 7N331K   | 210                       | 275    | 330                     | ±10%      | 550                                | 1200                       | 600         | 0.25              | 23.0                 | <br>☆ ★ ★     |
|          |                           |        |                         |           |                                    |                            |             |                   |                      |               |
|          |                           |        |                         |           |                                    |                            |             |                   |                      |               |
|          |                           |        |                         |           |                                    |                            |             |                   |                      |               |

※The clamping voltage from 080P to 680K are tested at current 2.5A.

Material of coating : Epoxy powder (Halogen free)

Color of coating : Yellowish brown

Storage condition→ Temperature: -40℃~125℃/ Humidity : 75%RH max. Status

Operation temperature range(18V~150V) : -40 to 85 °C

Operation temperature range(180V~1800V) : -40 to 125 °C

Lead style :

- P : Straight type
- Y : Kink type
- I : Inside kink type
- E : Outside kink type



**DIMENSION :**

( Unit : mm )

| Type No. | D max. | T max. | L1 min | F±1.0 | d±0.05 | H1 max |
|----------|--------|--------|--------|-------|--------|--------|
| 7N331K   | 9.0    | 4.9    | 25.0   | 5.0   | 0.6    | 12.0   |
|          |        |        |        |       |        |        |
|          |        |        |        |       |        |        |
|          |        |        |        |       |        |        |