



**Electrical Characteristics**

| Type No. | Maximum Allowable Voltage |        | Varistor Voltage V /1mA |           | Maximum Clamping Voltage V@100A | Withstanding Surge Current |             | Rated Wattage (W) | Energy 10/1000us (J) | Certification |
|----------|---------------------------|--------|-------------------------|-----------|---------------------------------|----------------------------|-------------|-------------------|----------------------|---------------|
|          | ACrms (V)                 | DC (V) | (V)                     | Tolerance |                                 | 1 Time (A)                 | 2 Times (A) |                   |                      |               |
| 20N781K  | 485                       | 640    | 780                     | ±10%      | 1290                            | 6500                       | 4000        | 1                 | 368.0                |               |
|          |                           |        |                         |           |                                 |                            |             |                   |                      |               |
|          |                           |        |                         |           |                                 |                            |             |                   |                      |               |
|          |                           |        |                         |           |                                 |                            |             |                   |                      |               |
|          |                           |        |                         |           |                                 |                            |             |                   |                      |               |

The clamping voltage from 180M to 680L are tested at current 20A.

Material of coating : Epoxy powder

Color of coating : Yellowish brown

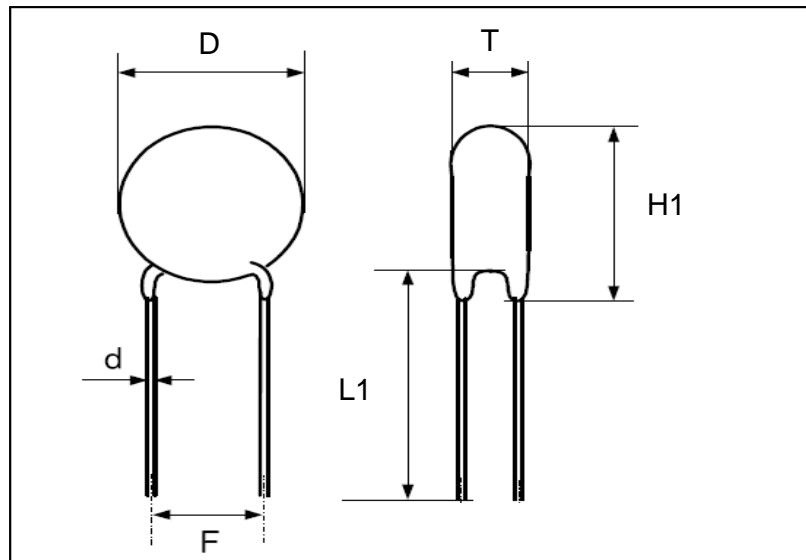
Storage condition Temperature: -40 ~125 / Humidity : 75%RH max. Status

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

Operation temperature range(180V~1800V) : -40 to 85

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 |
|----------|--------|--------|--------|-------|--------|--------|
| 20N781K  | 23.0   | 9.3    | 25.0   | 10.0  | 1.0    | 27.0   |
|          |        |        |        |       |        |        |
|          |        |        |        |       |        |        |
|          |        |        |        |       |        |        |