



**Electrical Characteristics**

| Type No. | Maximum Allowable Voltage |        | Varistor Voltage V /1mA |           | Maximum Clamping Voltage | Withstanding Surge Current |             | Rated Wattage | Energy 10/1000us | Certification |
|----------|---------------------------|--------|-------------------------|-----------|--------------------------|----------------------------|-------------|---------------|------------------|---------------|
|          | ACrms (V)                 | DC (V) | (V)                     | Tolerance | V@25A (V)                | 1 Time (A)                 | 2 Times (A) | (W)           | (J)              |               |
| 10S102K  | 625                       | 825    | 1000                    | ±10%      | 1650                     | 3500                       | 2500        | 0.4           | 140.0            | ☆ ★ ★         |
|          |                           |        |                         |           |                          |                            |             |               |                  |               |
|          |                           |        |                         |           |                          |                            |             |               |                  |               |
|          |                           |        |                         |           |                          |                            |             |               |                  |               |

※The clamping voltage from 080P to 680K are tested at current 5A.

Material of lead wire : Tin Plated Copper Covered Steel Wire

Material of coating : Epoxy powder (Halogen free)

Color of coating : Yellowish brown

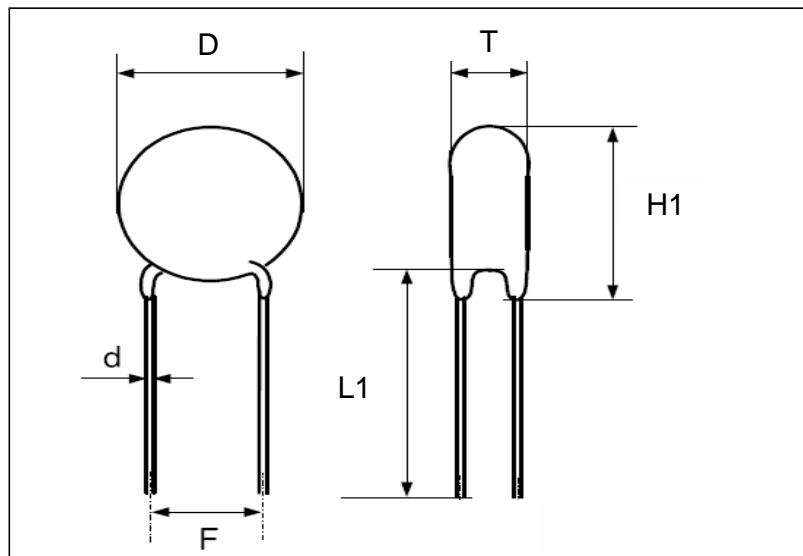
Storage condition→ Temperature: -40℃~125℃/ Humidity : 75%RH max. Status

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 |
|----------|--------|--------|--------|-------|--------|--------|
| 10S102K  | 12.5   | 9.9    | 25.0   | 7.5   | 0.8    | 16.5   |
|          |        |        |        |       |        |        |
|          |        |        |        |       |        |        |
|          |        |        |        |       |        |        |