



**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@100A (V)               | 1 Time (A)                 | 2 Times (A) | (W)           | (J)              |               |
| 20S390L  | 25                        | 31     | 39                      | ±15%      | 77                       | 3000                       | 2000        | 0.2           | 28.0             |               |
|          |                           |        |                         |           |                          |                            |             |               |                  |               |
|          |                           |        |                         |           |                          |                            |             |               |                  |               |
|          |                           |        |                         |           |                          |                            |             |               |                  |               |
|          |                           |        |                         |           |                          |                            |             |               |                  |               |

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

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

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

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 |
|----------|--------|--------|--------|-------|--------|--------|
| 20S390L  | 23.0   | 5.4    | 25.0   | 10.0  | 1.0    | 26.5   |
|          |        |        |        |       |        |        |
|          |        |        |        |       |        |        |
|          |        |        |        |       |        |        |