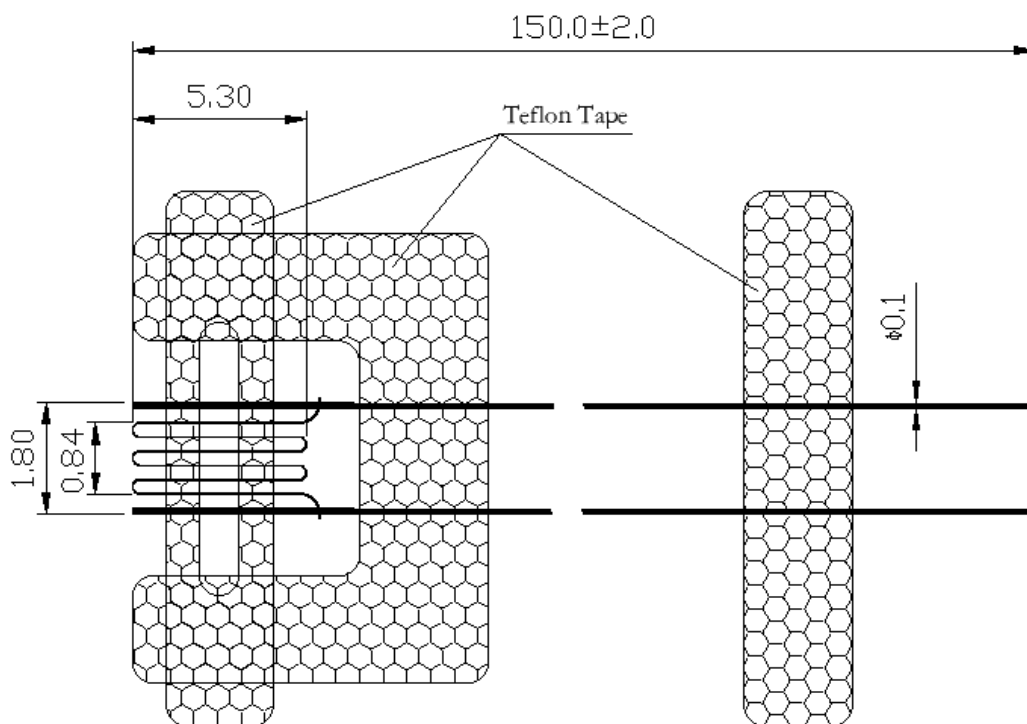


## Type Of The Strain Gauge: TGSN120-5AA950-YN150-RU

### 一、Strain Gauge Dimension Figure



#### Attention:

The drawing is only for the size of the schematic, the specific subject to the actual.

### 二、Strain Gauge Technical Specification

| Name   | Specification   |
|--|---|
| Sensitive Grid Material                            | Gr20Ni80  |
| Resistance Value Range ( $\Omega$ )                | $120 \pm 2\%$   |
| Wiring Material                                    | Gr20Ni80  |
| Wire Diameter (mm)                                 | $\Phi 0.1$  |
| Wire Unit Resistance ( $\Omega/m$ )                | 141   |
| Sensitivity Ratio Range<br>(indoor temperature)    | 2.0~2.3   |
| Operating Temperature Range ( $^{\circ}\text{C}$ ) | Indoor temperature $\sim 950$   |
| Sensitive Grid Carrier                             | Teflon tape / Silicone adhesive   |
| Fatigue Life<br>(indoor temperature)               | $10^6$ ( $\pm 750 \mu \epsilon$ )   |
| Storage Condition                                  | Temp: ( $20 \sim 40$ ) $^{\circ}\text{C}$ ;<br>Humidity: ( $30 \sim 50$ ) %RH |