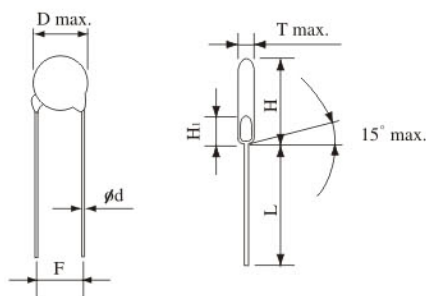
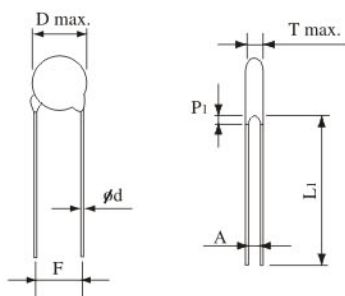


Y Type (vertical kink)



P Type (straight lead)



Dimension Table

unit:mm

| Diameter | 5 φ | 7 φ | 10 φ | 14 φ | 20 φ |
|---------------------|------|------|---------|----------|----------|
| D max. | 7.5 | 9.0 | 12.5 | 16.5 | 23 |
| d±0.05 | 0.6 | 0.6 | 0.6/0.8 | 0.8/1.0 | 0.8/1.0 |
| F±1.0 | 5.0 | 5.0 | 5.0/7.5 | 7.5/10.0 | 7.5/10.0 |
| H max. | 11.0 | 13 | 18 | 22 | 28 |
| H ₁ max. | 3.5 | 3.5 | 5 | 5 | 5 |
| L ₁ min. | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| L min. | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 |

Table of T max., A & P₁ max.

unit:mm

| Diameter | 5 φ | | | 7 φ | | | 10 φ | | | 14 φ | | | 20 φ | | |
|----------|----------|--------|-------|---------------------|--------|-------|---------------------|--------|-------|---------------------|--------|-------|---------------------|--------|-------|
| | Type No. | T max. | A±0.8 | P ₁ max. | T max. | A±0.8 | P ₁ max. | T max. | A±0.8 | P ₁ max. | T max. | A±0.8 | P ₁ max. | T max. | A±0.8 |
| 180M | 4.5 | 1.4 | 3.0 | 4.5 | 1.4 | 3.0 | 4.9 | 1.4 | 3.0 | 5.0 | 1.5 | 3.0 | 5.2 | 1.5 | 3.0 |
| 220L | 4.5 | 1.5 | 3.0 | 4.5 | 1.5 | 3.0 | 4.9 | 1.5 | 3.0 | 5.0 | 1.6 | 3.0 | 5.3 | 1.6 | 3.0 |
| 270K | 4.7 | 1.5 | 3.0 | 4.7 | 1.5 | 3.0 | 5.1 | 1.5 | 3.0 | 5.2 | 1.7 | 3.0 | 5.4 | 1.7 | 3.0 |
| 330K | 4.7 | 1.6 | 3.0 | 4.7 | 1.6 | 3.0 | 5.1 | 1.6 | 3.0 | 5.2 | 1.8 | 3.0 | 5.4 | 1.8 | 3.0 |
| 390K | 4.7 | 1.8 | 3.0 | 4.7 | 1.8 | 3.0 | 5.1 | 1.8 | 3.0 | 5.2 | 2.0 | 3.0 | 5.4 | 2.0 | 3.0 |
| 470K | 5.0 | 1.8 | 3.0 | 5.0 | 1.8 | 3.0 | 5.5 | 1.8 | 3.0 | 5.6 | 2.0 | 3.0 | 5.6 | 2.0 | 3.0 |
| 560K | 5.0 | 2.0 | 3.0 | 5.0 | 2.0 | 3.0 | 5.5 | 2.0 | 3.0 | 5.6 | 2.2 | 3.0 | 5.6 | 2.2 | 3.0 |
| 680K | 5.5 | 2.3 | 3.0 | 5.5 | 2.3 | 3.0 | 6.0 | 2.3 | 3.0 | 6.1 | 2.5 | 3.0 | 6.1 | 2.5 | 3.0 |
| 820K | 3.8 | 1.4 | 3.0 | 3.8 | 1.4 | 3.0 | 4.3 | 1.4 | 3.0 | 4.4 | 1.6 | 3.0 | 4.9 | 1.8 | 3.0 |
| 101K | 3.9 | 1.4 | 3.0 | 3.9 | 1.4 | 3.0 | 4.4 | 1.4 | 3.0 | 4.5 | 1.6 | 3.0 | 5.1 | 1.8 | 3.0 |
| 121K | 4.1 | 1.5 | 3.0 | 4.1 | 1.5 | 3.0 | 4.5 | 1.5 | 3.0 | 4.6 | 1.7 | 3.0 | 5.3 | 1.9 | 3.0 |
| 151K | 4.5 | 1.8 | 3.0 | 4.5 | 1.8 | 3.0 | 4.9 | 1.8 | 3.0 | 5.1 | 2.0 | 3.0 | 5.6 | 2.2 | 3.0 |
| 181K | 4.1 | 1.6 | 3.0 | 4.1 | 1.6 | 3.0 | 4.5 | 1.6 | 3.0 | 4.7 | 1.8 | 3.0 | 5.2 | 2.0 | 3.0 |
| 201K | 4.2 | 1.6 | 3.0 | 4.2 | 1.6 | 3.0 | 4.6 | 1.6 | 3.0 | 4.8 | 1.8 | 3.0 | 5.3 | 2.0 | 3.0 |
| 221K | 4.3 | 1.7 | 3.0 | 4.3 | 1.7 | 3.0 | 4.7 | 1.7 | 3.0 | 4.9 | 1.9 | 3.0 | 5.4 | 2.1 | 3.0 |
| 241K | 4.4 | 1.7 | 3.0 | 4.4 | 1.9 | 3.0 | 4.8 | 1.9 | 3.0 | 5.0 | 2.1 | 3.0 | 5.5 | 2.3 | 3.0 |
| 271K | 4.6 | 1.9 | 3.0 | 4.6 | 2.0 | 3.0 | 5.0 | 2.0 | 3.0 | 5.2 | 2.1 | 3.0 | 5.7 | 2.5 | 3.0 |
| 301K | 4.8 | 1.9 | 3.0 | 4.8 | 2.1 | 3.0 | 5.2 | 2.2 | 3.0 | 5.4 | 2.3 | 3.0 | 5.9 | 2.7 | 3.0 |
| 331K | 4.9 | 1.9 | 3.0 | 4.9 | 2.1 | 3.0 | 5.3 | 2.2 | 3.0 | 5.5 | 2.3 | 3.0 | 6.0 | 2.7 | 3.0 |
| 361K | 5.1 | 2.4 | 3.0 | 5.1 | 2.5 | 3.0 | 5.5 | 2.5 | 3.0 | 5.7 | 2.7 | 3.0 | 6.2 | 2.9 | 3.0 |
| 391K | 5.3 | 2.6 | 3.5 | 5.3 | 2.6 | 3.5 | 5.7 | 2.8 | 3.5 | 5.9 | 2.8 | 3.5 | 6.4 | 3.0 | 3.5 |
| 431K | 6.1 | 2.7 | 3.5 | 6.1 | 2.9 | 3.5 | 6.5 | 3.1 | 3.5 | 6.7 | 3.1 | 3.5 | 7.2 | 3.3 | 3.5 |
| 471K | 6.4 | 2.8 | 3.5 | 6.4 | 2.9 | 3.5 | 6.8 | 3.2 | 3.5 | 7.0 | 3.3 | 3.5 | 7.5 | 3.5 | 4.0 |
| 511K | 6.6 | 3.1 | 4.0 | 6.6 | 3.1 | 4.0 | 7.0 | 3.7 | 4.0 | 7.2 | 3.7 | 4.0 | 7.7 | 3.9 | 4.0 |
| 561K | 6.9 | 3.4 | 4.0 | 6.9 | 3.4 | 4.0 | 7.3 | 4.0 | 4.0 | 7.5 | 4.0 | 4.0 | 8.0 | 4.2 | 4.0 |
| 621K | 7.2 | 3.7 | 4.0 | 7.2 | 3.7 | 4.0 | 7.6 | 4.6 | 4.0 | 7.8 | 4.4 | 4.0 | 8.3 | 4.7 | 4.0 |
| 681K | 7.5 | 4.0 | 4.0 | 7.5 | 4.0 | 4.0 | 8.0 | 5.0 | 4.0 | 8.2 | 4.7 | 4.0 | 8.7 | 5.0 | 4.0 |
| 751K | 7.9 | 4.3 | 4.0 | 7.9 | 4.3 | 4.0 | 8.4 | 5.0 | 4.0 | 8.6 | 4.9 | 4.0 | 9.1 | 5.1 | 4.0 |
| 781K | | | | 8.1 | 4.5 | 4.0 | 8.6 | 5.2 | 4.0 | 8.8 | 5.2 | 4.0 | 9.3 | 5.4 | 4.0 |
| 821K | | | | 8.3 | 4.7 | 4.0 | 8.8 | 5.2 | 4.0 | 9.0 | 5.2 | 4.0 | 9.5 | 5.4 | 4.0 |
| 911K | | | | | | | 9.4 | 6.0 | 4.0 | 9.6 | 6.0 | 4.0 | 10.1 | 6.3 | 4.0 |
| 102K | | | | | | | 9.9 | 6.0 | 4.0 | 10.1 | 6.2 | 4.0 | 10.7 | 6.4 | 4.0 |
| 112K | | | | | | | 10.5 | 6.3 | 4.0 | 10.7 | 6.7 | 4.0 | 11.2 | 6.9 | 4.0 |
| 182K | | | | | | | 12.6 | 9.8 | 6.0 | 12.8 | 10.2 | 6.0 | 13.5 | 10.4 | 6.0 |