

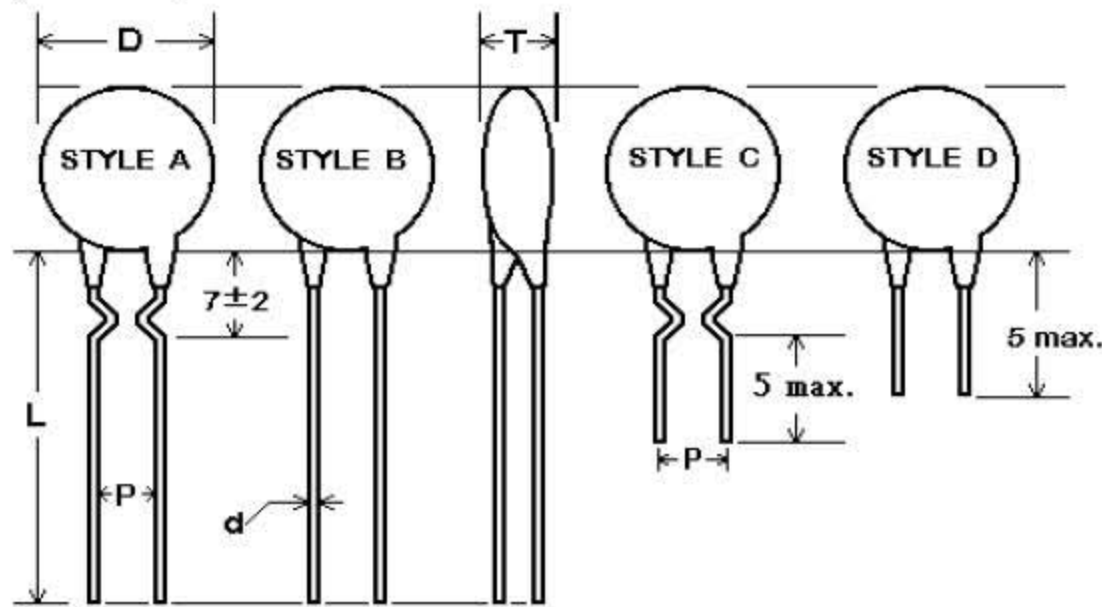
Specification : CIC # NTC-102K (JAMES# 207483)

| | |
|------------------------------|------------------|
| Resistance (at 25°C) | 1K Ω |
| Tolerance | ± 10 % |
| B Constant 25°C/ 50°C (K) | 3636 ±2% |
| Operating Temperature Range | -55 °C ~ 150 °C |
| Thermal Time Constant | About 20 seconds |
| Thermal Dissipation Constant | 6.5 mW/°C |
| Max. allowable power | 550 mW |

Shape & Dimension :

Specified model: Style: B

(Unit:mm)



Color of coating : RED

Material of coating : SILICONE

Mark : LM5-102K

| ITEM NO. | D | T | L | P | d |
|----------|-----------|-----------|----------|-----------|-----------|
| LM5-102K | 4.5 ± 0.5 | 2.8 ± 0.5 | 30.0 Min | 3.0 ± 0.5 | 0.5 ± 0.1 |

Ohm / Temperature figure

| TMP | -50°C | -40°C | -30°C | -20°C | -10°C | 0°C | 10°C | 20°C | 25°C | 30°C |
|-----|-------|-------|-------|-------|-------|------|------|------|------|-------|
| Ω | 44130 | 23980 | 13520 | 7891 | 4754 | 2949 | 1879 | 1226 | 1000 | 819.4 |

| TMP | 40°C | 50°C | 60°C | 70°C | 80°C | 90°C | 100°C | 110°C | 120°C | 130°C |
|-----|-------|-------|------|------|-------|-------|-------|-------|-------|-------|
| Ω | 559.2 | 389.3 | 276 | 199 | 145.8 | 108.4 | 81.68 | 62.35 | 48.18 | 37.64 |

| TMP | 140°C | 150°C |
|-----|-------|-------|
| Ω | 29.72 | 23.7 |