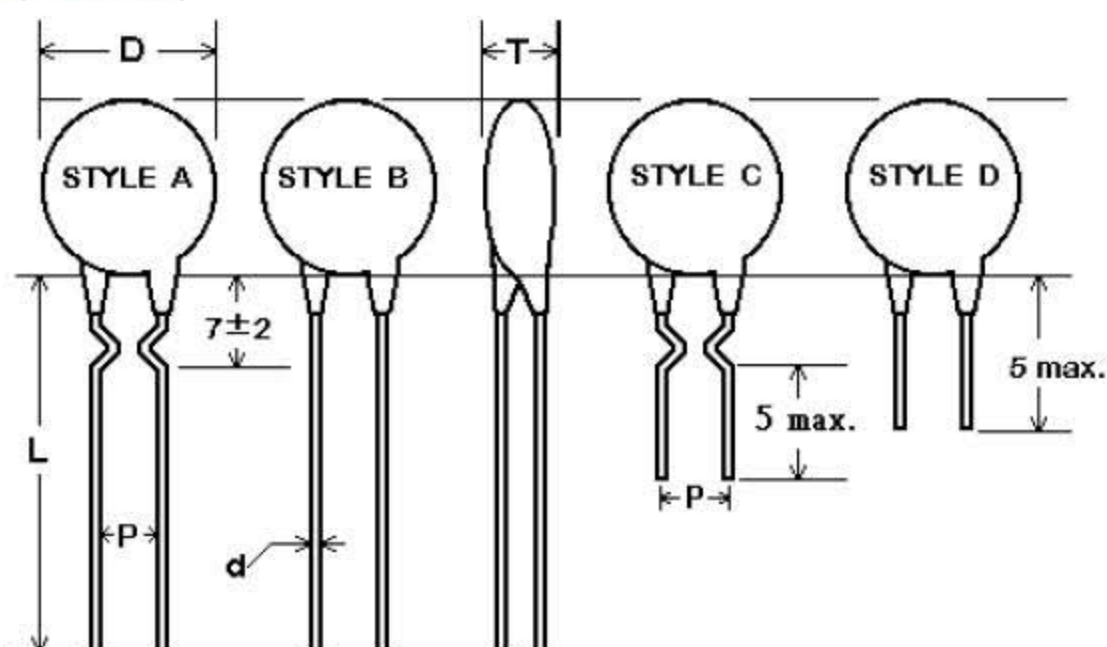


**Specification :** CIC #NTC-104K (JAMES# 206991)

|                              |                 |
|------------------------------|-----------------|
| Resistance (at 25°C)         | 100K $\Omega$   |
| Tolerance                    | $\pm 10\%$      |
| B Constant 25°C/ 50°C (K)    | 4368 $\pm 2\%$  |
| Operating Temperature Range  | -55 °C ~ 150 °C |
| Thermal Time Constant        | 20 seconds      |
| Thermal Dissipation Constant | 6.5mW/°C        |
| Max. allowable power         | 550 mW          |

**Shape & Dimension :** Specified model: Style: B

(Unit:mm)



Color of coating : RED

Material of coating : SILICONE

Mark : LM05-104 K

| ITEM NO.   | D             | T             | L        | P             | d             |
|------------|---------------|---------------|----------|---------------|---------------|
| LM05-104 K | 4.5 $\pm 0.5$ | 2.8 $\pm 0.5$ | 30.0 Min | 3.0 $\pm 0.5$ | 0.5 $\pm 0.1$ |

Ohm / Temperature figure

| TMP.     | -55°C  | -50°C | -40°C | -30°C | -20°C | -10°C  | 0°C    | 10°C   | 20°C   | 25°C |
|----------|--------|-------|-------|-------|-------|--------|--------|--------|--------|------|
| $\Omega$ | 12610K | 8692K | 4269K | 2184K | 1161K | 638.5K | 362.7K | 212.3K | 127.7K | 100K |

| TMP.     | 30°C  | 40°C  | 50°C  | 60°C  | 70°C  | 80°C | 90°C | 100°C | 110°C | 120°C |
|----------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|
| $\Omega$ | 78.8K | 49810 | 32190 | 21240 | 14290 | 9790 | 6823 | 4832  | 3474  | 2533  |

| TMP.     | 130°C | 140°C | 150°C |
|----------|-------|-------|-------|
| $\Omega$ | 1872  | 1401  | 1061  |