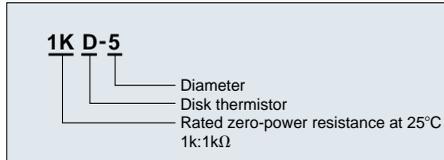


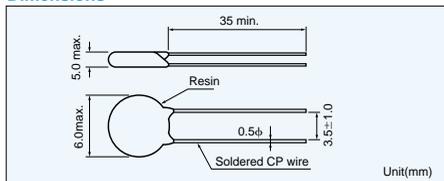
TEMPERATURE COMPENSATION D THERMISTOR

The D thermistor, based on resistance changes, is used in transistor, coil and other temperature compensating circuits found in TV's, radio, etc.

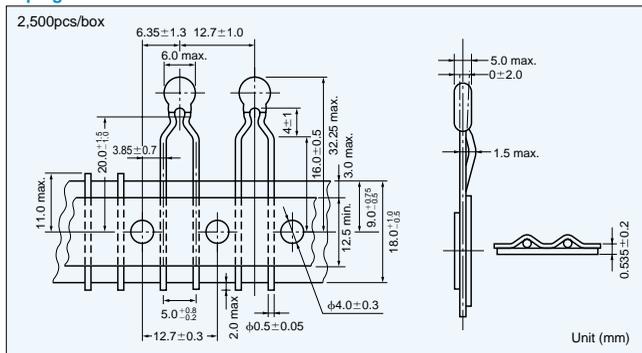
Part number



Dimensions



Taping



Specifications

| Part No. | R25*1 | B value*2 | Dissipation factor (mW/°C) | Thermal time constant(s)*3 | Rated power at 25°C(mW) | Operating temp. range(°C) |
|----------|-------------|-----------|----------------------------|----------------------------|-------------------------|---------------------------|
| 50D-5 | 50.0Ω±15% | 3250K±5% | 3.5 | 13 | 297 | -40~+110 |
| 80D-5 | 80.0Ω±15% | 3300K±5% | 3.5 | 13 | 297 | -40~+110 |
| 100D-5 | 100.0Ω±15% | 3300K±5% | 3.5 | 13 | 297 | -40~+110 |
| 200D-5 | 200.0Ω±15% | 3400K±5% | 3.5 | 13 | 297 | -40~+110 |
| 250D-5 | 250.0Ω±15% | 3450K±5% | 3.5 | 13 | 297 | -40~+110 |
| 300D-5 | 300.0Ω±15% | 3500K±5% | 3.5 | 13 | 297 | -40~+110 |
| 360D-5 | 360.0Ω±15% | 3550K±5% | 3.5 | 13 | 297 | -40~+110 |
| 500D-5 | 500.0Ω±15% | 3650K±5% | 3.5 | 13 | 297 | -40~+110 |
| 800D-5 | 800.0Ω±15% | 3850K±5% | 3.5 | 13 | 297 | -40~+110 |
| 1KD-5 | 1.0kΩ±15% | 3950K±5% | 3.5 | 13 | 297 | -40~+110 |
| 1.5KD-5 | 1.5kΩ±15% | 3950K±5% | 3.5 | 13 | 297 | -40~+110 |
| 2KD-5 | 2.0kΩ±15% | 4000K±5% | 3.5 | 13 | 297 | -40~+110 |
| 5KD-5 | 5.0kΩ±15% | 4100K±5% | 3.5 | 13 | 297 | -40~+110 |
| 8KD-5 | 8.0kΩ±15% | 4200K±5% | 3.5 | 13 | 297 | -40~+110 |
| 10KD-5 | 10.0kΩ±15% | 4200K±5% | 3.5 | 13 | 297 | -40~+110 |
| 15KD-5 | 15.0kΩ±15% | 4250K±5% | 3.5 | 13 | 297 | -40~+110 |
| 20KD-5 | 20.0kΩ±15% | 4300K±5% | 3.5 | 13 | 297 | -40~+110 |
| 25KD-5 | 25.0kΩ±15% | 4300K±5% | 3.5 | 13 | 297 | -40~+110 |
| 50KD-5 | 50.0kΩ±15% | 4650K±5% | 3.5 | 13 | 297 | -40~+110 |
| 100KD-5 | 100.0kΩ±15% | 4850K±5% | 3.5 | 13 | 297 | -40~+110 |

*1 R25 : Rated zero-power resistance value at 25°C, ±10% are also available.

*2 B value : determined by rated zero-power resistance at 25°C and 85°C.

*3 Time when thermistor temperature reaches 63.2% of the temperature difference. The value is measured in the air.