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Stocking Distributor

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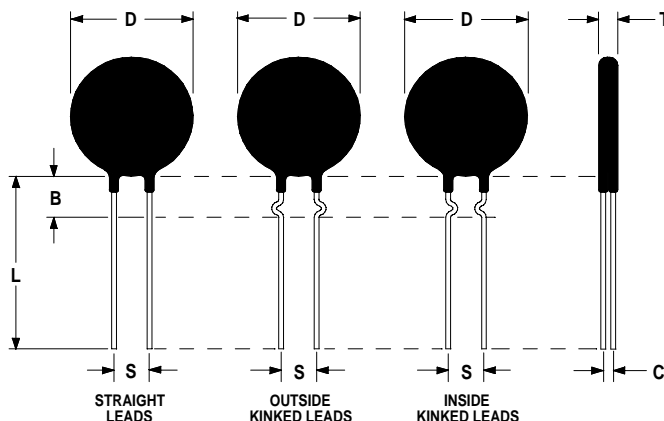
For any questions, you can email us directly:
sales@integrated-circuit.com



DATA SHEET
P/N:NT05 15291

Mechanical Specifications

| | |
|----------------|------------------|
| D | 5.0± 0.5 mm |
| T | 2.92 ± 0.4 mm |
| Lead Diameter | 0.5 ± 0.2 mm |
| S | 5.0 mm Nom |
| L | 40.0 ± 4.0 mm |
| Straight Leads | Standard |
| B | 5.0 mm ± 0.20 mm |
| C | 1.7 mm ± 0.10 mm |



Electrical Specifications

| | |
|---------------------------------------|-------------|
| Zero-Power Resistance @25°C | 1.5KΩ ± 10% |
| R@0°C/R@50°C | 8.40± 2% |
| R@25°C/R@125°C | 23.79 ± 2% |
| Beta | 3775± 2% |
| Temp Coefficient of Resistance @ 25°C | -3.83 %/°C |
| Operating Temperature Range | -50°C/150°C |
| Maximum Permissible Power (W) | .45w |
| Dissipation Constant (mW/°C) | 6.3mW/°C |
| Thermal Time Constant | 20 seconds |

Resistance VS Temp Table
(See page 2)

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DATA SHEET

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Resistance VS Temp Table Cont.

| Temperature °C | RT/R25 |
|----------------|---------|
| -50 | 60.29 |
| -45 | 42.80 |
| -40 | 30.75 |
| -35 | 22.35 |
| -30 | 16.43 |
| -25 | 12.20 |
| -20 | 9.143 |
| -15 | 6.918 |
| -10 | 5.279 |
| -5 | 4.062 |
| 0 | 3.150 |
| 5 | 2.466 |
| 10 | 1.946 |
| 15 | 1.546 |
| 20 | 1.240 |
| 25 | 1.000 |
| 30 | 0.8120 |
| 35 | 0.6635 |
| 40 | 0.5454 |
| 45 | 0.4509 |
| 50 | 0.3748 |
| 55 | 0.3138 |
| 60 | 0.2642 |
| 65 | 0.2235 |
| 70 | 0.1901 |
| 75 | 0.1624 |
| 80 | 0.1394 |
| 85 | 0.1201 |
| 90 | 0.1040 |
| 95 | 0.09036 |
| 100 | 0.07882 |
| 105 | 0.06889 |
| 110 | 0.06062 |
| 115 | 0.05347 |
| 120 | 0.04733 |
| 125 | 0.04205 |
| 130 | 0.03748 |
| 135 | 0.03352 |
| 140 | 0.03007 |
| 145 | 0.02704 |
| 150 | 0.02442 |