



Quality Thermistor, Inc.

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High Reliability PTC/NTC Thermistors

Why QTI?

- DSCC (Defense Supply Center, Columbus) specifications dictating performance and inspection requirements
- High-reliability thermistors are suitable for critical applications in temperature measurement, temperature control, amplifier stabilization, power control, and numerous other applications
- Mission critical applications
- High reliability
- Space flight applications
- 100% screening capabilities
- In-house test facility
- Many values in stock

FOR MORE INFORMATION
PLEASE SEE US ONLINE AT
www.thermistor.com

HIGH RELIABILITY PTC THERMISTORS

PART STYLE	SPECIFICATION	OPERATING TEMP. RANGE	AVAILABLE RES. VALUES, IN OHMS	AVAILABLE TOLERANCES	POWER RATING, IN WATTS	THERMAL TIME CONSTANT MAX.
RTH22 	MIL-PRF-23648/9	-55° to 125°C	10 to 10K	5% 10%	.500 @ 25°C	60 Seconds
RTH42 	MIL-PRF-23648/19	-55° to 125°C	10 to 10K	5% 10%	.250 @ 25°C	60 Seconds
98018 	DSCC Screened Per MIL-PRF-23648	-55° to 125°C	22 to 5,620	1% 2% 5% 10% Gold Available	.250 @ 25°C	30 Seconds
03017 L MAX = .048" W MAX = .048" T MAX = .082" 	DSCC Screened Per MIL-PRF-23648	-55° to 125°C	10 to 10K	1% 2% 5% 10% Only Gold	.125 @ 25°C	30 Seconds

HIGH RELIABILITY NTC THERMISTORS

PART STYLE	SPECIFICATION	OPERATING TEMP. RANGE	AVAILABLE RES. VALUES, IN OHMS	AVAILABLE TOLERANCES	POWER RATING, IN WATTS	THERMAL TIME CONSTANT MAX.
RTH06 	MIL-PRF-23648/1	-55° to 125°C	Ratio A, 68-560 Ratio B, 680-4.7K Ratio C, 7.5-75K	1% 2% 5% 10%	.500 @ 25°C	80 Seconds
RTH44 	MIL-PRF-23648/20	-55° to 125°C	Ratio A, 300-3K Ratio B, 1K-10K Ratio C, 15K-500K	1% 2% 5% 10%	.20 @ 25°C	25 Seconds
93073/93074 	DSCC Screened Per MIL-PRF-23648	-55° to 125°C	47-10M 6 Ratios Available	1% 2% 5% 10% Gold Available	.125 @ 25°C	8 Seconds
03018 L MAX = .050" W MAX = .050" T MAX = .020" 	DSCC Screened Per MIL-PRF-23648	-55° to 125°C	15-20M 11 Ratios Available	1% 2% 5% 10% Gold/Silver Available	.0625 @ 25°C	10 Seconds