ESCC Epoxy Coated Thermistors

1 to 10K Ohms Resistance @25ºC
Excellent Stability
Flight Heritage
Robust Construction
Non ITAR Restrictive
Approved by Prime Contractors
Detail Specification 4006013

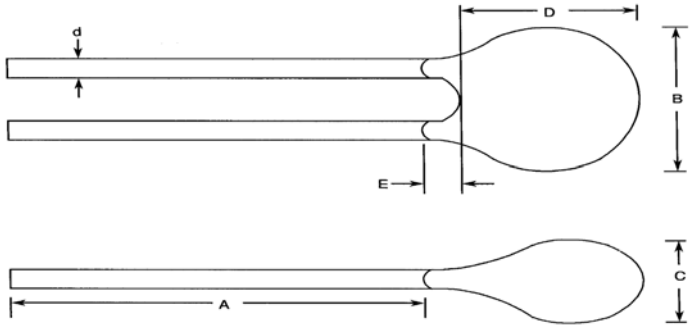
HIGH REL THERMISTORS

Discrete NTC Thermistor with copper leads and epoxy coated of chip. Copper leads are soldered to the NTC chip. Leads are tin/lead plated. (63/37)

FEATURES

- 30AWG tin/lead plated copper lead (63/37)
- Tolerance ± 0.2°C from 0°C to 70°C
- Thermally conductive epoxy coating
- Temperature range -55ºC to +100ºC

Dimensions



Note: Refer to individual datasheets for dimensions

APPLICATIONS

- Satellite electric motors.
- Monitoring of gearboxes in satellites.
- Temperature compensation.
- Battery power packs.
- Control panel monitoring
- Panel temperature measurement
- Monitoring of actuators

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Part Number	Resistance [Ω] @ +25ºC	Tolerance from 0 to +70ºC	Beta Value 0/50	Dissipation Constant in still air @ +25ºC	Time response (Air)
1K3A351	1,000	±0.2ºC	3892	2 mW/°C	<25 seconds
2K3A352	2,000	±0.2ºC	3892	2 mW/°C	<25 seconds
3K3A353	3,000	±0.2ºC	3892	2 mW/°C	<25 seconds
4K3A354	4,000	±0.2ºC	3892	2 mW/°C	<25 seconds
5K3A355	5,000	±0.2ºC	3892	2 mW/°C	<25 seconds
10K3A739	10,000	±0.2ºC	3892	2 mW/°C	<25 seconds
100K6A441	100,000	±0.2ºC	4143	2 mW/°C	<25 seconds

Ordering Information