

ESCC Epoxy Coated Thermistors

1 to 10K Ohms Resistance @25°C
 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)

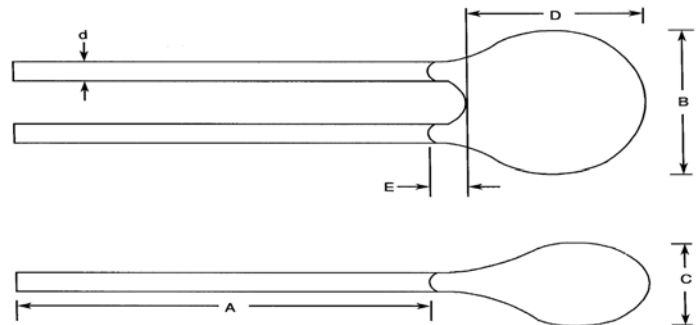
FEATURES

- 30AWG tin/lead plated copper lead (63/37)
- Tolerance $\pm 0.2^\circ\text{C}$ from 0°C to 70°C
- Thermally conductive epoxy coating
- Temperature range -55°C to $+100^\circ\text{C}$

APPLICATIONS

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

Dimensions



Note: Refer to individual datasheets for dimensions

ESCC Epoxy coated thermistors

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

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