



SURFACE SENSOR FOR HIGH REL & AEROSPACE

SPECIFICATIONS

- 2 to 100K Ohms Resistance @25°C
- Excellent stability
- Flight heritage
- Robust construction
- Non ITAR restrictive
- Flat surface for ease of mounting
- Approved by prime contractors

FEATURES

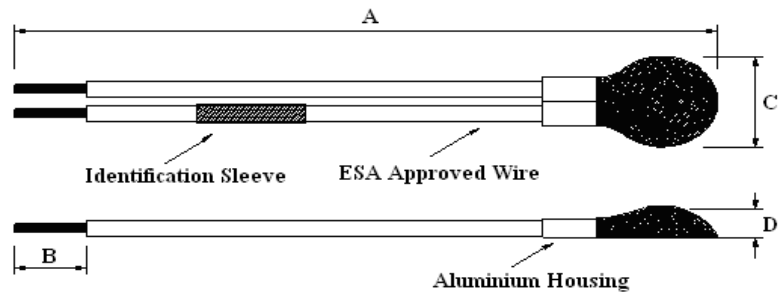
- Flat aluminum housing
- Temperature range -60°C to +160°C

APPLICATIONS

- Satellite electric motors.
- Monitoring of gearboxes in satellites.
- Temperature compensation.
- Battery power packs.
- Vision systems
- Panel temperature measurement
- Monitoring of actuators.

HIGH REL SURFACE SENSOR

Matched Glass Coated NTC Thermistor Beads mounted on an aluminum alloy housing and encapsulated in Epoxy Resin. Wire connection is by 26AWG stranded / insulated leads.



Note: Refer to individual datasheets for dimensions

SURFACE SENSOR FOR HIGH REL & AEROSPACE

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)
G2K7D411	2,000	±0.35°C	3422	2 mW/°C	<40 seconds
G4K7D421	4,000	±0.35°C	3422	2 mW/°C	<40 seconds
G10K4D451	10,000	±0.20°C	3575	2 mW/°C	<40 seconds
G10K4D453	10,000	±0.50°C	3575	2 mW/°C	<40 seconds
G15K4D489	15,000	±0.30°C	3575	2 mW/°C	<25 seconds
G15K4D589	15,000	±0.30°C	3575	2 mW/°C	<25 seconds
G100K6D487	100,000	±0.50°C*	4143	2 mW/°C	<40 seconds

*Note: Tolerance from +100°C to +160°C

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