

Surface Sensor for High Rel & Aerospace

- 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



HIGH REL SURFACE SENSOR

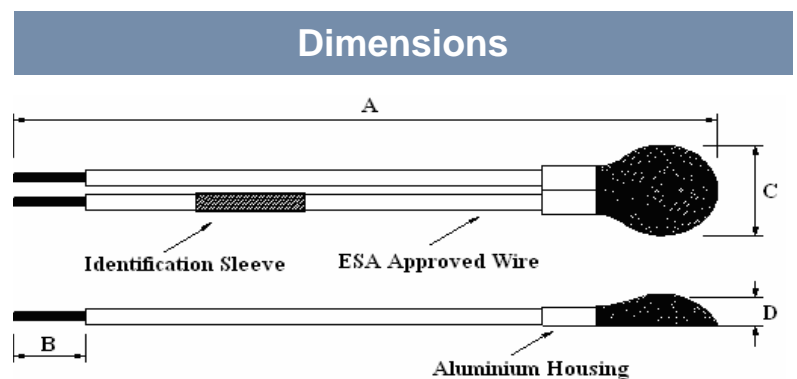
Matched Glass Coated NTC Thermistor Beads mounted on an aluminum housing and encapsulated in Stycast 2850FT epoxy. Wire connection is by 26AWG stranded / insulated leads. Lead wire is in accordance with ESCC Detail Specification no. 3901/012 variant 03.

FEATURES

- Flat aluminum housing
- Radiation cross linked modified fluoropolymer insulation
- Temperature range -40°C to +125°C

APPLICATIONS

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



Note: Refer to individual datasheets for dimensions

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Part Number	Resistance [Ω] @ +25°C	Tolerance from 0 to +100°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	<25 seconds
G4K7D421	4,000	±0.35°C	3422	2 mW/°C	<25 seconds
G10K4D453	10,000	±0.35°C	3575	2 mW/°C	<25 seconds
G15K4D489	15,000	±0.35°C	3575	2 mW/°C	<25 seconds
G100K6D487	100,000	±0.35°C	4143	2 mW/°C	<25 seconds

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