



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

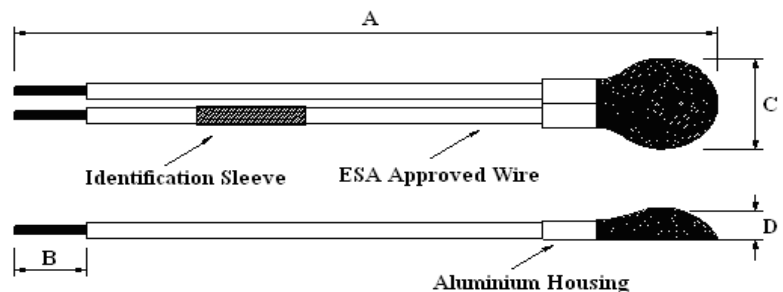
- Flat aluminum housing
- Temperature range -60°C to +160°C

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

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

NORTH AMERICA

Measurement Specialties, Inc.,
a TE Connectivity Company
1711 139th Lane NW
Andover, MN 55304
Tel: +1 763 689 4870
Fax: +1 763 689 5033
customer@te.com

EUROPE

Measurement Specialties (Europe), Ltd.,
a TE Connectivity Company
Ballybrit Business Park
Galway Ireland
Tel : +353-91-753238
Fax : +353-91-770789
Email: customer@te.com

ASIA

Measurement Specialties (China), Ltd.,
a TE Connectivity Company
No. 368 Wulian 1st Road
Gongxing Town
Shuangliu, Chengdu
Sichuan, 610200
China
Tel: +86 (0) 28 8573 9088
Fax: +86 (0) 28 8573 9070
Email: customer@te.com

te.com/sensorsolutions

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