



## ESCC EPOXY COATED THERMISTORS

### SPECIFICATIONS

- 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)

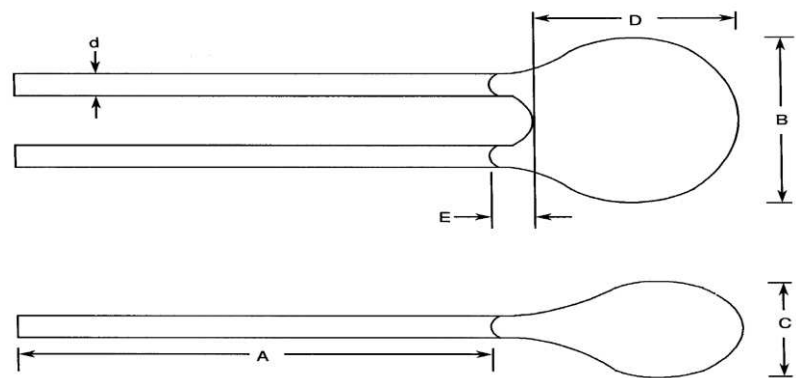
### FEATURES

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

MECHANICAL DETAILS



Dimensions						
	A	B	C	D	d	E
Min	50.8	-	-	-	0.23	-
Max	-	4.87	4.87	6.35	0.28	2

## ORDERING INFORMATION

Part Number	Resistance [ $\Omega$ ] @ +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	$\pm 0.2^\circ\text{C}$	3892	2 mW/ $^\circ\text{C}$	<25 seconds
2K3A352	2,000	$\pm 0.2^\circ\text{C}$	3892	2 mW/ $^\circ\text{C}$	<25 seconds
3K3A353	3,000	$\pm 0.2^\circ\text{C}$	3892	2 mW/ $^\circ\text{C}$	<25 seconds
4K3A354	4,000	$\pm 0.2^\circ\text{C}$	3892	2 mW/ $^\circ\text{C}$	<25 seconds
5K3A355	5,000	$\pm 0.2^\circ\text{C}$	3892	2 mW/ $^\circ\text{C}$	<25 seconds
10K3A739	10,000	$\pm 0.2^\circ\text{C}$	3892	2 mW/ $^\circ\text{C}$	<25 seconds

### 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 care.ando@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 care.glwy@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 care.chdu@te.com

### te.com/sensorsolutions

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