

Resistance @ 25°C	Beta Value 25°C to 85°C	Mftrs. List No.	Order Code
330kΩ ± 5%	4570K ± 3%	2322-640-63334	265-720
4.7kΩ ± 2%	3977K ± 0.75%	2322-640-54472	279-560
10kΩ ± 2%	3977K ± 0.75%	2322-640-54103	279-572
100kΩ ± 2%	4190K ± 2%	2322-640-54104	279-584
2.7kΩ ± 1%	3977K ± 0.75%	2322-640-55272	279-596
10kΩ ± 1%	3977K ± 0.75%	2322-640-55103	279-614

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Resistance @ 25°C	Order Code	Price Each				
		1+	10+	100+	300+	1K+
±5%	2.2kΩ	265-664				
	3.3kΩ	265-676				
	4.7kΩ	265-688				
	10kΩ	265-690				
	33kΩ	265-706				
	100kΩ	265-718				
±2%	4.7kΩ	279-560				
	10kΩ	279-572				
	100kΩ	279-584				
±1%	2.7kΩ	279-596				
	10kΩ	279-614				

NTC



Body: L = 81, Dia = hex 8AV/
Thread: M4, L = 5.5,
Leads: L = 34, Dia = 0.6

- Good insulation and/or good thermal contact with chassis
- Easy mounting
- Rugged construction
- Wide range of temperature sensing and control applications

Disc NTC thermistor is mounted in the head of the M4 aluminium screw.

Resistance @ 25°C	Beta Value 25°C to 85°C	Mftrs. List No.	Order Code
1kΩ	3528K ± 0.5%	2322-640-73102	984-565
4.7kΩ	3977K ± 0.75%	2322-640-73472	984-577
10kΩ	3977K ± 0.75%	2322-640-73103	984-589
47kΩ	4090K ± 1.5%	2322-640-73473	984-590

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Resistance @ 25°C	Order Code	Price Each				
		1+	10+	100+	300+	1000+
1kΩ	984-565					
4.7kΩ	984-577					
10kΩ	984-589					
47kΩ	984-590					

NTC Probe



L = 38 (overall), 30.5 (body),
dia. = 9.8, Tab W = 6.3

- Excellent performance in humid environments
 - High accuracy over wide temperature range
 - High mechanical strength and easy connection
- NTC thermistor in compact stainless steel case, suitable for water temperature control, for example in washing machines, dish washers, heat pumps and electric boilers.

Resistance	12000Ω ± 4% @ 25°C, 1475 Ω ± 3% @ 85°C
Beta value 25/85	3730
Max power	250mW
Operating temperature:	-25°C to +110°C (zero power) 0 to 55°C (max power)

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Mftrs. List No	Order Code	Price Each				
		1+	10+	100+	300+	1000+
2322-640-90042	984-607					

NTC



Dia. = 10, Leads L = 35, Spacing = 5 ± 1

NTC disc thermistors designed for use in temperature measurement, control and compensation applications.

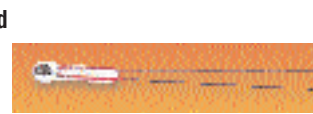
Temperature, max.	+125°C	Rated dissipation @ 25°C	900mW
Dissipation factor	9mW/°C		

Resistance	Beta Value 25°C to 100°C	Mftrs. List No.	Order Code
15Ω ± 10%	3000 ± 3%	KED150CY	151-116
220Ω ± 10%	3650 ± 3%	KED221CY	731-330
330Ω ± 10%	3750 ± 3%	KED331CY	731-341
470Ω ± 10%	3850 ± 3%	KED471CY	731-353
680Ω ± 10%	3950 ± 3%	KED681CY	731-365
1KΩ ± 10%	4000 ± 3%	KED102CY	151-117
2K2Ω ± 10%	4150 ± 3%	KED222CY	151-118
4K7Ω ± 10%	4300 ± 3%	KED472CY	151-119
10KΩ ± 10%	4400 ± 3%	KED103CY	151-120

Order Code	Price Each			
	1+	25+	50+	100+
All Order Codes				

RP297

NTC, Glass Bead



Type GL
Bead dia = 2.5, L = 10, Lead L = 25



Type RA
Dia = 4, L = 25.4, Lead L = 25



Type GM
Bead dia = 1.6, L = 5, Lead L = 25

Type U: Bead, Dia = 0.5 + axial leads L = 25 each

Type GL: Incorporate a directly heated bead in a solid glass pellet, suitable for general use in temperature measurement, control, compensation and flow measurement.

Type GM: Highly sensitive glass encapsulated directly heated bead thermistors, particularly suited for applications where small size and fast response are important, such as crystal oscillators, industrial boilers and monitoring fluid flow.

Type RA: Directly heated bead thermistor in glass envelope for operation at low power levels.

Type U: Very small glazed bead thermistor integrally formed on platinum alloy lead wires. It has a rapid response time, typically used in medical temperature measurement.

Type	Resistance @ T _R	T _A max	Beta Value 25°C to 85°C	Mftrs. List No.	Order Code
GL	2kΩ ± 20% @ 20°C	125°C	3125K ± 5%	GL23	151-111
GM	1kΩ ± 20% @ 25°C	125°C	2910K ± 3%	GM102W	151-112
GM	4.7kΩ ± 20% @ 25°C	125°C	3340K ± 3%	GM472W	151-113
GM	47kΩ ± 20% @ 25°C	200°C	3940K ± 3%	GM473W	151-114
GM	25kΩ ± 20% @ 100°C	300°C	4320K ± 3%	GM474W	151-115
RA	50kΩ ± 20% @ 20°C	155°C	3850K ± 5%	RA54	151-121
U	1.7kΩ ± 20% @ 25°C	180°C	2900K ± 5%	U23UD	151-122

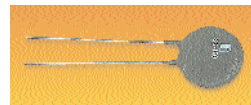
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Type	Resistance @ T _R	Order Code	Price Each			
			1+	25+	50+	100+
GL	2kΩ	151-111				
GM	1kΩ	151-112				
GM	4.7kΩ	151-113				
GM	47kΩ	151-114				
GM	25kΩ	151-115				
RA	50kΩ	151-121				
UL	1.7kΩ	151-122				

NTC - 'Surge-Gard'

RHOPOINT COMPONENTS

Inrush Current Limiters



- Capable of suppressing high inrush current surges
- Very high ratio of cold resistance to steady state resistance
- Especially suitable for applications with a high current surge at turn-on

- Applications: power supplies, electric motors, lighting circuits, thermostat protection

Manufactured with metal oxide ceramic material.
Maximum operating temperature 65°C.

Steady State Current I max	Resistance (Ω)		Dia (max.)	Dimensions Thickness (max.)		Mftrs. List No.	Order Code
	Cold @ 25°C	Hot @ I max		Lead Dia.	Lead Dia.		
1.75A	20	0.6	12.7	6.4	0.8	SG230	606-730
2A	40	0.6	15.9	6.4	0.8	SG240	606-741
3A	10	0.2	11.4	7.6	0.8	SG220	606-753
4A	7	0.15	15.2	7.6	1.0	SG210	606-765
4A	12	0.22	12.7	8.9	1.0	SG39	606-777
6A	10	0.15	15.2	8.9	1.0	SG27	606-789
7A	5	0.07	15.2	6.4	0.8	SG200	606-790
8A	4	0.07	15.2	6.4	1.0	SG170	606-807
15A	2.5	0.03	22.9	7.6	1.0	SG160	606-819
18A	2	0.03	22.9	8.9	1.0	SG110	606-820
30A	0.5	0.01	31.8	5.1	1.0	SG260	606-832

RP299

I max	Order Code	Price Each			
		1+	25+	100+	250+
1.75A	606-730				
2A	606-741				
3A	606-753				
4A	606-765				
4A	606-777				
6A	606-789				
7A	606-790				
8A	606-807				
15A	606-819				
18A	606-820				
30A	606-832				