

SPECIFICATION
Of
NTC CHIP THERMISTORPART NUMBER: **TT3-2KC3-BG-CON**

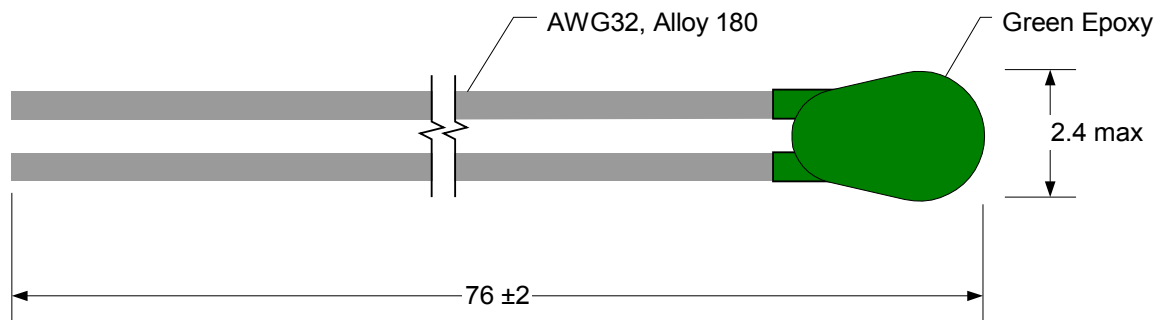
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FEATURES:

No-load resistance at 25°C	2 000 Ω
Temperature Coefficient [alpha] at 25°C	-4.39%/°C
Resistance tolerance from 0°C to 70°C	± 0.2°C
Beta(25/85) Constant	3 977 ± 0.3%
Operating temperature range	From - 40°C to 125°C
Maximum Exposure Temperature	150°C
Response Time in well stirred liquid bath	~1s
Response Time in still air	~10s
Typical Dissipation Constant in still air	0.75mW/°C
RoHS Compliant	YES

DRAWING:



Units: [mm]

TEWA TERMICO LTD.

HIGH PRECISION NTC THERMISTORS AND TEMPERATURE SENSORS

PART NUMBER: **TT3-2KC3-BG-CON**

R/T CHARACTERISTIC:

Resistance Tolerance B(25/85) Curve				2 000 ± 0.2°C 3977 3	Ohms at 25°C from 0°C to 70°C ± 0.3%
T (oC)	R min	R center	R max		
-40	64761,54	67005,20	69248,86		
-35	46946,26	48370,38	49794,50		
-30	34402,15	35299,85	36197,55		
-25	25452,63	26030,01	26607,39		
-20	19018,32	19385,72	19753,13		
-15	14334,88	14574,88	14814,88		
-10	10902,93	11057,66	11212,39		
-5	8358,61	8462,26	8565,91		
0	6461,37	6530,00	6598,63		
5	5027,84	5079,15	5130,45		
10	3942,26	3980,84	4019,43		
15	3113,38	3142,89	3172,39		
20	2476,05	2498,74	2521,44		
25	1982,24	2000,00	2017,76		
30	1597,34	1611,15	1624,97		
35	1295,03	1305,96	1316,89		
40	1056,20	1064,89	1073,59		
45	866,34	873,30	880,25		
50	714,60	720,11	725,63		
55	592,49	596,94	601,39		
60	493,75	497,36	500,97		
65	413,49	416,42	419,36		
70	347,90	350,30	352,70		
75	293,78	296,02	298,25		
80	249,19	251,24	253,29		
85	212,23	214,13	216,04		
90	181,49	183,25	185,01		
95	155,86	157,44	159,01		
100	134,37	135,77	137,17		
105	116,24	117,52	118,79		
110	100,93	102,07	103,22		
115	87,81	88,96	90,11		
120	76,64	77,79	78,93		
125	67,21	68,23	69,26		
130	59,12	60,04	60,96		
135	52,06	52,98	53,91		
140	45,97	46,89	47,81		
145	40,74	41,62	42,49		