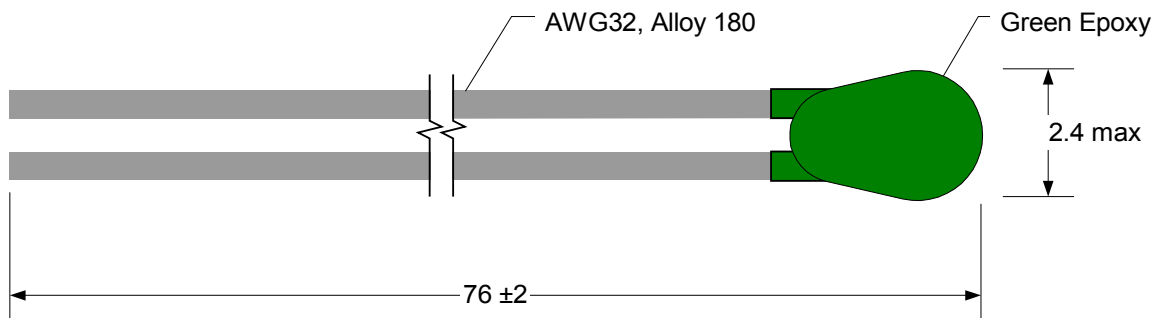


SPECIFICATION
Of
NTC CHIP THERMISTORPART NUMBER: **TT3-20KC6-BG-CON**

No. of pages: 2

Date: **26.08.2015**Revision: **00**FEATURES:

No-load resistance at 25°C	20 000 Ω
Temperature Coefficient [alpha] at 25°C	-4.68%/°C
Resistance tolerance from 0°C to 70°C	± 0.2°C
Beta(25/85) Constant	4 260 ± 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: **TT3-20KC6-BG-CON**

R/T CHARACTERISTIC:

Resistance Tolerance B(25/85) Curve		20 000 ± 0.2°C 4260 6	Ohms at 25°C from 0°C to 70°C ± 0.3%
T (oC)	R min	R center	R max
-40	784048,56	812200,36	840352,16
-35	559839,39	577516,65	595193,91
-30	404144,86	415139,10	426133,34
-25	294534,07	301537,97	308541,87
-20	216814,73	221214,20	225613,67
-15	161006,98	163840,43	166673,89
-10	120669,90	122459,07	124248,25
-5	91154,74	92332,98	93511,22
0	69437,52	70204,00	70970,48
5	53238,30	53809,29	54380,29
10	41134,25	41562,56	41990,86
15	32018,32	32341,71	32665,09
20	25100,49	25346,17	25591,86
25	19810,22	20000,00	20189,78
30	15739,62	15885,50	16031,39
35	12583,42	12697,44	12811,46
40	10122,50	10211,08	10299,65
45	8189,81	8259,78	8329,75
50	6663,56	6719,11	6774,66
55	5451,25	5495,57	5539,89
60	4483,34	4518,40	4553,46
65	3705,16	3733,75	3762,35
70	3077,29	3100,40	3123,51
75	2565,46	2586,58	2607,70
80	2148,68	2167,70	2186,73
85	1807,11	1824,61	1842,11
90	1526,26	1542,31	1558,36
95	1294,85	1309,00	1323,16
100	1102,85	1115,37	1127,89
105	942,71	954,01	965,30
110	808,87	818,99	829,10
115	695,49	705,59	715,68
120	600,06	609,98	619,90
125	519,88	529,08	538,29
130	451,86	460,40	468,93
135	393,64	401,88	410,12
140	343,98	351,86	359,74
145	301,60	308,97	316,34
150	265,19	272,08	278,97