

SPECIFICATION
Of
NTC CHIP THERMISTORPART NUMBER: **TT3-3KC3-BG-CON**

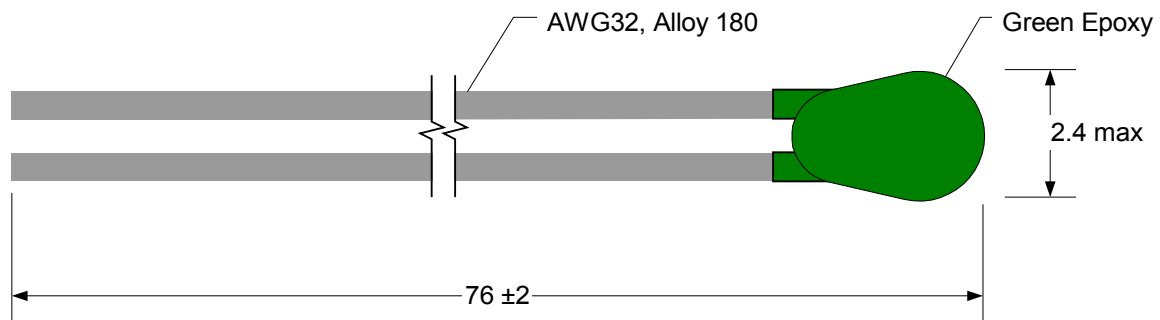
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Date: **26.08.2015**Revision: **00**

FEATURES:

No-load resistance at 25°C	3 000 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: **TT3-3KC3-BG-CON**

R/T CHARACTERISTIC:

Resistance Tolerance B(25/85) Curve				3 000 ± 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	97258,64	100628,16	103997,69		
-35	70483,37	72621,50	74759,62		
-30	51638,00	52985,46	54332,91		
-25	38197,48	39063,98	39930,47		
-20	28537,08	29088,38	29639,68		
-15	21507,10	21867,18	22227,26		
-10	16356,62	16588,74	16820,87		
-5	12538,84	12694,32	12849,80		
0	9692,36	9795,30	9898,24		
5	7541,80	7618,75	7695,71		
10	5913,33	5971,21	6029,09		
15	4670,01	4714,27	4758,52		
20	3714,04	3748,08	3782,12		
25	2973,37	3000,00	3026,63		
30	2396,04	2416,76	2437,48		
35	1942,60	1959,00	1975,40		
40	1584,36	1597,41	1610,45		
45	1299,59	1310,02	1320,45		
50	1071,98	1080,25	1088,52		
55	888,81	895,49	902,17		
60	740,70	746,11	751,52		
65	620,29	624,69	629,10		
70	521,90	525,50	529,10		
75	440,71	444,06	447,42		
80	373,81	376,89	379,97		
85	318,37	321,22	324,07		
90	272,25	274,89	277,53		
95	233,80	236,16	238,52		
100	201,56	203,66	205,75		
105	174,36	176,26	178,17		
110	151,38	153,09	154,81		
115	131,69	133,42	135,15		
120	114,94	116,66	118,37		
125	100,79	102,32	103,86		
130	88,65	90,03	91,41		
135	78,05	79,44	80,83		
140	68,92	70,30	71,69		
145	61,08	62,39	63,70		
150	54,27	55,51	56,76		