

TEWA TERMICO LTD.
A PART OF TEWA ELECTRONICS GROUP

HIGH PRECISION NTC THERMISTORS AND TEMPERATURE SENSORS

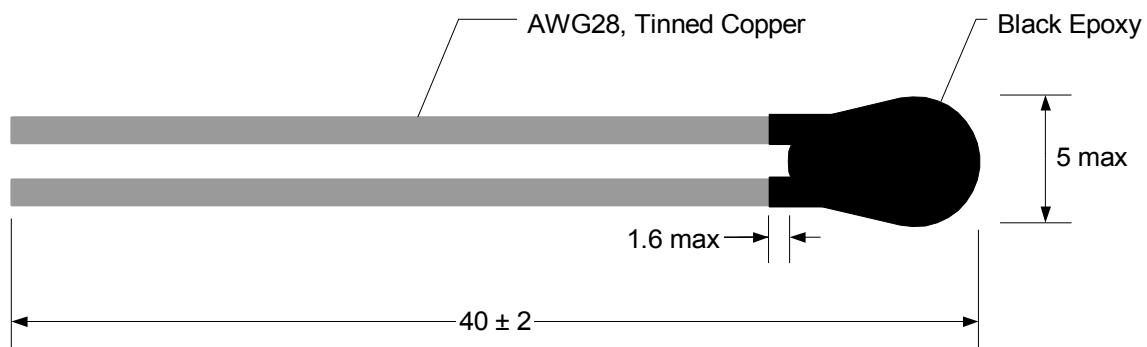
SPECIFICATION
Of
NTC CHIP THERMISTOR

PART NUMBER: **TT3-0.47KC3-1**

FEATURES:

No-load resistance at 25°C	469 Ω \pm 2%
Beta(25/85) Constant	3 977 \pm 1%
Operating temperature range	From - 40°C to 125C
Response Time in well stirred liquid bath	~1s
RoHS Compliant	YES

DRAWING:



Units: [mm]

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HIGH PRECISION NTC THERMISTORS AND TEMPERATURE SENSORS

PART NUMBER: **TT3-0.47KC3-1**

R/T CHARACTERISTIC:

Resistance 469 Ohms at 25°C Tolerance $\pm 2\%$ at 25°C B(25/85) 3977 $\pm 1\%$ 3				
Temp (°C)	R/R(25C) (Ohms)		Temp (°C)	R Value (Ohms)
-55	95,978900		-55	45014,1
-50	67,782000		-50	31789,76
-45	47,061000		-45	22071,61
-40	33,566800		-40	15742,83
-35	24,219300		-35	11358,85
-30	17,668200		-30	8286,39
-25	13,024200		-25	6108,35
-20	9,697300		-20	4548,03
-15	7,289400		-15	3418,73
-10	5,529700		-10	2593,43
-5	4,231400		-5	1984,53
0	3,265100		0	1531,33
5	2,539500		5	1191,03
10	1,990300		10	933,45
15	1,571400		15	736,99
20	1,249400		20	585,97
25	1,000000		25	469
30	0,805600		30	377,83
35	0,653010		35	306,26
40	0,532490		40	249,74
45	0,436690		45	204,81
50	0,360100		50	168,89
55	0,298510		55	140
60	0,248710		60	116,64
65	0,208230		65	97,66
70	0,175160		70	82,15
75	0,148010		75	69,42
80	0,125620		80	58,92
85	0,107060		85	50,21
90	0,091610		90	42,97
95	0,078698		95	36,91
100	0,067863		100	31,83
105	0,058730		105	27,54
110	0,051006		110	23,92
115	0,044448		115	20,85
120	0,038859		120	18,22
125	0,034082		125	15,98
130	0,029982		130	14,06
135	0,026454		135	12,41
140	0,023408		140	10,98
145	0,020770		145	9,74
150	0,018478		150	8,67