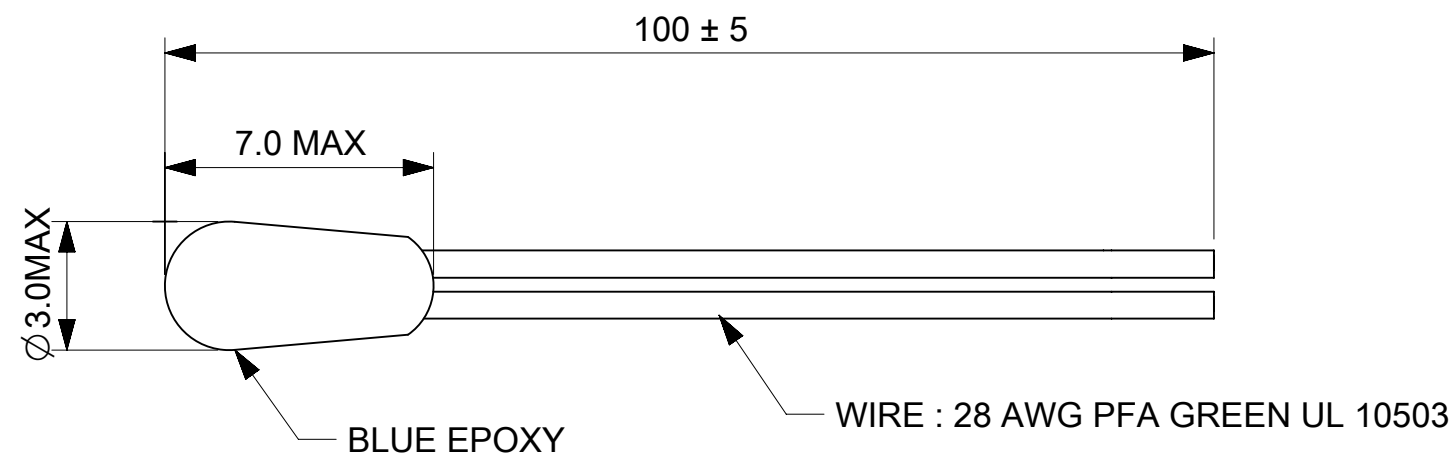




NOTES:

1. RESISTANCE @ 25°C : 10KΩ±1%
2. BETA VALUE (0/50°C) : 3964K±1%
3. OPERATING TEMPERATURE RANGE : -40°C TO +135°C.
4. DISSIPATION FACTOR : 1.5mW/°C
5. THERMAL TIME CONSTANT : LESS THAN 3SECONDS IN WATER
- 6.INSULATION RESISTANCE : 10MΩ AT 100 VDC

RESISTANCE VS TEMPERATURE CHARACTERISTICS:

Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)
-40	320.50	335.40	350.80
-35	232.40	242.30	252.70
-30	170.30	177.10	184.10
-25	126.20	130.80	135.50
-20	94.370	97.520	100.800
-15	71.230	73.400	75.630
-10	54.240	55.740	57.270
-5	41.640	42.680	43.730
0	32.220	32.930	33.660
5	25.120	25.620	26.120
10	19.720	20.060	20.400
15	15.580	15.810	16.040
20	12.380	12.540	12.690
25	9.900	10.000	10.100
30	7.922	8.020	8.118
35	6.373	6.465	6.559
40	5.152	5.238	5.325
45	4.186	4.264	4.344

Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)
50	3.416	3.487	3.559
55	2.806	2.870	2.935
60	2.316	2.374	2.432
65	1.921	1.972	2.024
70	1.600	1.645	1.692
75	1.338	1.379	1.420
80	1.124	1.160	1.197
85	0.949	0.982	1.015
90	0.805	0.834	0.863
95	0.686	0.711	0.737
100	0.586	0.609	0.632
105	0.502	0.523	0.544
110	0.432	0.450	0.469
115	0.373	0.389	0.406
120	0.323	0.338	0.353
125	0.281	0.294	0.307
130	0.239	0.250	0.261
135	0.197	0.206	0.215

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex							
	mm		NTS												
F A = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 657230 DRWN: RAVIKM2021/03/04 CHK'D: RBBHASKAR2021/03/05 APPR: RBBHASKAR2021/03/05			NTC EPOXY - 3964 100MM 10K 1%							
F E = 0	ANGULAR TOL ± °														
F F = 0	4 PLACES		±		INITIAL REVISION: DRWN: RAVIKM2021/03/04 APPR: RBBHASKAR2021/03/05			PRODUCT CUSTOMER DRAWING							
DIVISIONAL SYMBOLS	3 PLACES		±												
	2 PLACES		±												
	1 PLACE		±												
	0 PLACES		±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		215274		2152743607		OTS		1 OF 1	