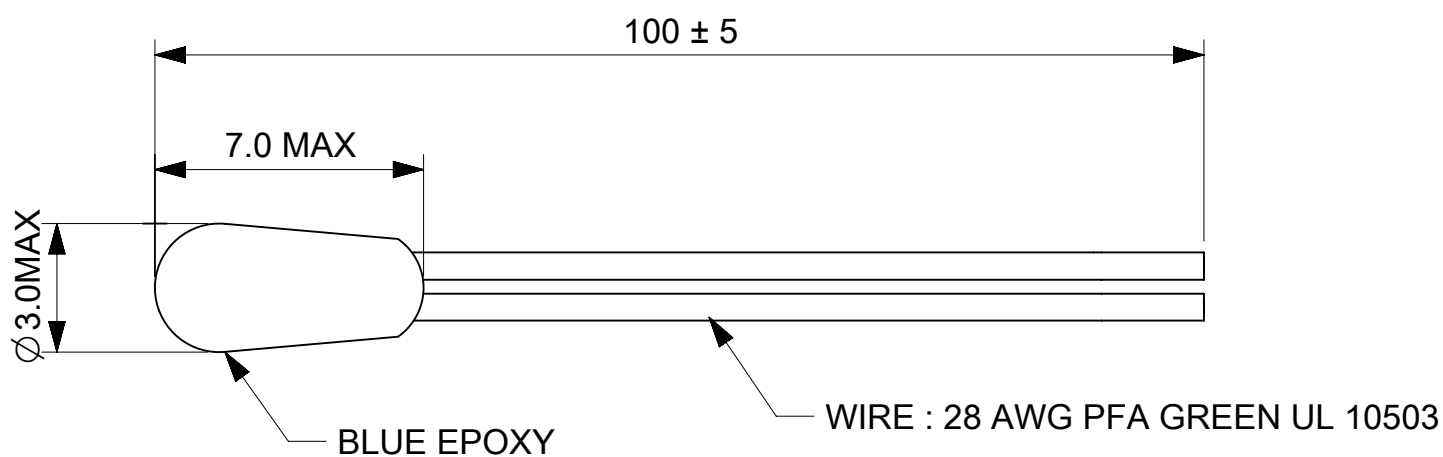




NOTES:

- 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)	Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)
-40	320.50	335.40	350.80	50	3.416	3.487	3.559
-35	232.40	242.30	252.70	55	2.806	2.870	2.935
-30	170.30	177.10	184.10	60	2.316	2.374	2.432
-25	126.20	130.80	135.50	65	1.921	1.972	2.024
-20	94.370	97.520	100.800	70	1.600	1.645	1.692
-15	71.230	73.400	75.630	75	1.338	1.379	1.420
-10	54.240	55.740	57.270	80	1.124	1.160	1.197
-5	41.640	42.680	43.730	85	0.949	0.982	1.015
0	32.220	32.930	33.660	90	0.805	0.834	0.863
5	25.120	25.620	26.120	95	0.686	0.711	0.737
10	19.720	20.060	20.400	100	0.586	0.609	0.632
15	15.580	15.810	16.040	105	0.502	0.523	0.544
20	12.380	12.540	12.690	110	0.432	0.450	0.469
25	9.900	10.000	10.100	115	0.373	0.389	0.406
30	7.922	8.020	8.118	120	0.323	0.338	0.353
35	6.373	6.465	6.559	125	0.281	0.294	0.307
40	5.152	5.238	5.325	130	0.239	0.250	0.261
45	4.186	4.264	4.344	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		CURRENT REV DESC:		molex		
	FUNCTIONAL SYMBOLS	SCALE					
mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)	EC NO: 657230 DRWN: RAVIKM CHK'D: RBBHASKAR APPR: RBBHASKAR INITIAL REVISION: DRWN: RAVIKM APPR: RBBHASKAR		NTC EPOXY - 3964 100MM 10K 1%		
mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)					
mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)			PRODUCT CUSTOMER DRAWING		
mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DOCUMENT NUMBER		
mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)			2152743607		
mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)	2021/03/04		PSD		
mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)	2021/03/05		000		
mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)	2021/03/05		A		
mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)	2021/03/04		215274		
mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)	2021/03/05		2152743607		
mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)	2021/03/05		OTS		
mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)	2021/03/05		1 OF 1		