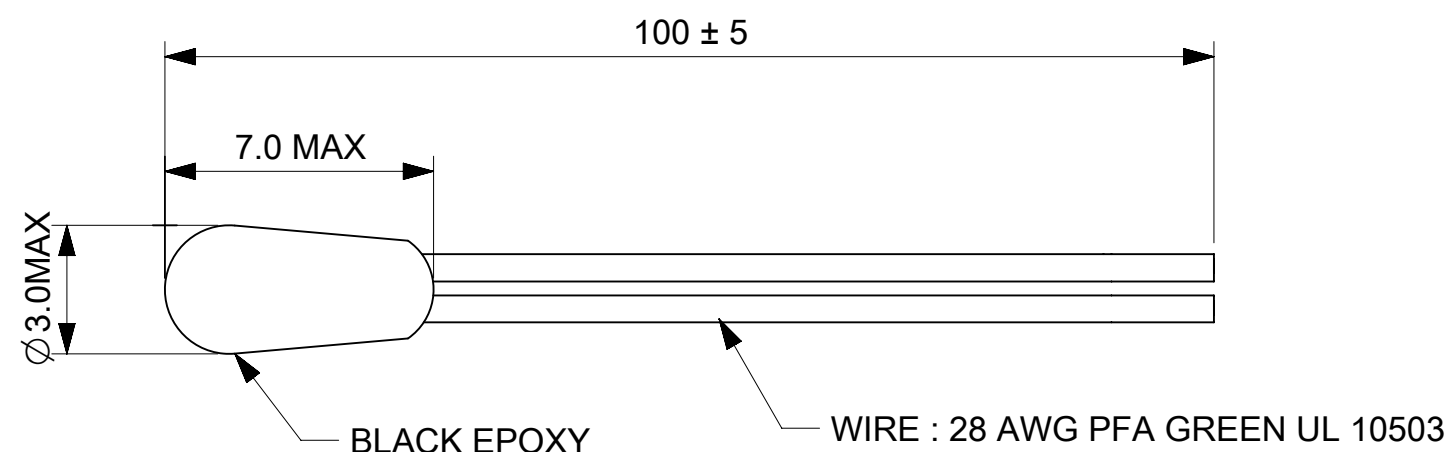




NOTES:

1. RESISTANCE @ 25°C : 10KΩ±1%
2. BETA VALUE (0/50°C) : 3600K±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	246.7	257.4	268.5
-35	182.8	190.1	197.8
-30	136.9	142.0	147.3
-25	103.6	107.1	110.8
-20	79.090	81.580	84.150
-15	60.950	62.700	64.500
-10	47.360	48.610	49.870
-5	37.100	37.980	38.870
0	29.280	29.900	30.530
5	23.250	23.680	24.130
10	18.590	18.900	19.210
15	14.970	15.190	15.400
20	12.140	12.280	12.430
25	9.900	10.000	10.100
30	8.092	8.190	8.288
35	6.652	6.746	6.840
40	5.499	5.587	5.676
45	4.569	4.651	4.734

Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)
50	3.816	3.891	3.967
55	3.202	3.270	3.340
60	2.698	2.761	2.825
65	2.284	2.341	2.399
70	1.941	1.993	2.045
75	1.656	1.703	1.751
80	1.419	1.461	1.504
85	1.221	1.259	1.298
90	1.054	1.088	1.124
95	0.913	0.944	0.977
100	0.794	0.822	0.851
105	0.692	0.718	0.745
110	0.606	0.629	0.653
115	0.531	0.552	0.574
120	0.467	0.487	0.507
125	0.412	0.430	0.448
130	0.357	0.373	0.389
135	0.302	0.316	0.330

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
$\frac{E}{A} = 0$		DIMENSION UNITS mm	SCALE NTS	CURRENT REV DESC: EC NO: 657230 DRWN: RAVIKM CHK'D: RBBHASKAR APPR: RBBHASKAR INITIAL REVISION: DRWN: RAVIKM APPR: RBBHASKAR		molex			
$\frac{E}{C} = 0$		GENERAL TOLERANCES (UNLESS SPECIFIED)							
$\frac{E}{P} = 0$		ANGULAR TOL ± °							
DIVISIONAL SYMBOLS		4 PLACES	±			2021/03/04	NTC EPOXY - 3600 100MM 10K 1%		
		3 PLACES	±			2021/03/05			
		2 PLACES	±			2021/03/05	PRODUCT CUSTOMER DRAWING		
		1 PLACE	±			2021/03/04			
		0 PLACES	±	2021/03/05	DOCUMENT NUMBER 2152703607	DOC TYPE PSD	DOC PART 000	REVISION A	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING A3-SIZE	SERIES 215270	MATERIAL NUMBER 2152703607	CUSTOMER OTS	SHEET NUMBER 1 OF 1		