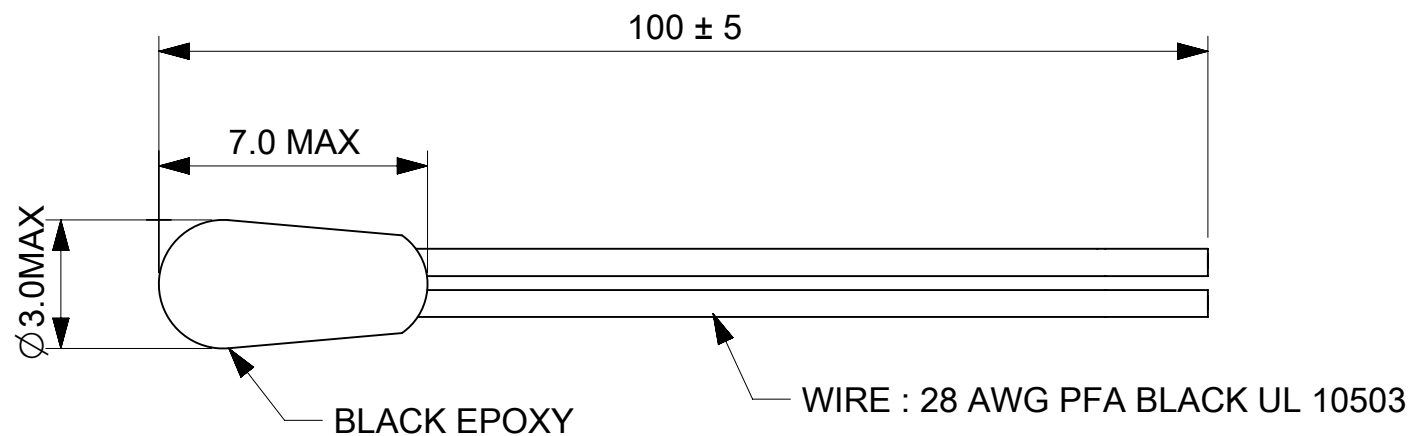




NOTES:

1. RESISTANCE @ 25°C : 10KΩ±2%
2. BETA VALUE (0/50°C) : 3892K±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	291.2	304.4	318.1	50	3.49	3.561	3.634
-35	213.6	222.6	231.9	55	2.879	2.944	3.01
-30	158.3	164.4	170.8	60	2.388	2.446	2.505
-25	118.4	122.6	127	65	1.989	2.041	2.095
-20	89.39	92.32	95.34	70	1.664	1.711	1.759
-15	68.17	70.21	72.31	75	1.399	1.44	1.483
-10	52.38	53.81	55.27	80	1.18	1.217	1.256
-5	40.53	41.53	42.55	85	1.001	1.034	1.069
0	31.58	32.27	32.98	90	0.853	0.882	0.913
5	24.72	25.2	25.69	95	0.729	0.756	0.783
10	19.48	19.82	20.15	100	0.625	0.649	0.674
15	15.46	15.68	15.91	105	0.539	0.56	0.582
20	12.33	12.49	12.64	110	0.465	0.484	0.504
25	9.9	10	10.1	115	0.403	0.42	0.438
30	7.955	8.053	8.151	120	0.351	0.366	0.382
35	6.427	6.52	6.613	125	0.306	0.32	0.334
40	5.218	5.304	5.392	130	0.261	0.274	0.286
45	4.257	4.337	4.417	135	0.216	0.228	0.238

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 NTC EPOXY - 3892 100MM 10K2% PRODUCT CUSTOMER DRAWING						
F A = 0	mm	NTS											
F C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)												
F E = 0	ANGULAR TOL ± °		EC NO: 657230 DRWN: RAVIKM CHK'D: RBBHASKAR APPR: RBBHASKAR INITIAL REVISION: DRWN: RAVIKM APPR: RBBHASKAR			2021/03/03 2021/03/05 2021/03/05							
4 PLACES ±													
3 PLACES ±													
2 PLACES ±													
1 PLACE ±													
DIVISIONAL SYMBOLS	0 PLACES ±		2021/03/03 2021/03/05			DOCUMENT NUMBER 2152725607					DOC TYPE PSD	DOC PART 000	REVISION A
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING A3-SIZE	SERIES 215272	MATERIAL NUMBER 2152725607		CUSTOMER OTS		SHEET NUMBER 1 OF 1			