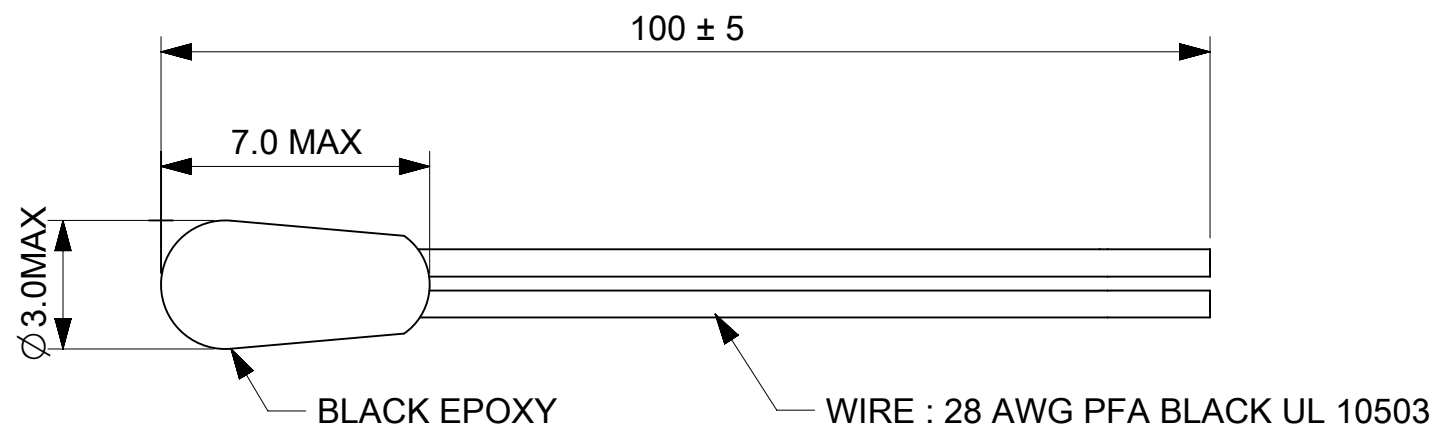


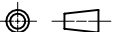


NOTES:

1. RESISTANCE @ 25°C : 3KΩ±1%.
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	88.25	92.25	96.41	50	1.056	1.078	1.1
-35	65.3	68.05	70.91	55	0.874	0.893	0.913
-30	48.72	50.62	52.59	60	0.727	0.744	0.762
-25	36.63	37.95	39.32	65	0.607	0.623	0.639
-20	27.74	28.66	29.61	70	0.51	0.524	0.539
-15	20.99	21.62	22.27	75	0.43	0.443	0.456
-10	16.01	16.45	16.9	80	0.364	0.376	0.388
-5	12.32	12.63	12.94	85	0.31	0.321	0.331
0	9.555	9.766	9.981	90	0.265	0.275	0.284
5	7.455	7.601	7.749	95	0.228	0.236	0.245
10	5.862	5.962	6.063	100	0.196	0.204	0.211
15	4.642	4.71	4.778	105	0.17	0.177	0.183
20	3.701	3.747	3.793	110	0.147	0.153	0.16
25	2.97	3	3.03	115	0.128	0.134	0.139
30	2.388	2.417	2.447	120	0.112	0.117	0.122
35	1.931	1.959	1.987	125	0.098	0.103	0.107
40	1.571	1.597	1.623	130	0.083	0.093	0.092
45	1.285	1.308	1.333	135	0.068	0.083	0.077

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						
F_A = 0	mm		NTS											
F_C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			NTC EPOXY - 3892 100MM 3K1%										
F_E = 0	ANGULAR TOL ± °													
DIVISIONAL SYMBOLS	4 PLACES		±	EC NO: 657230 DRWN: RAVIKM CHK'D: RBBHASKAR APPR: RBBHASKAR				2021/03/04 2021/03/05 2021/03/05						
	3 PLACES		±											
	2 PLACES		±	INITIAL REVISION: DRWN: RAVIKM APPR: RBBHASKAR				2021/03/04 2021/03/05						
	1 PLACE		±											
	0 PLACES		±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
					A3-SIZE		215272		2152723307		OTS		1 OF 1	