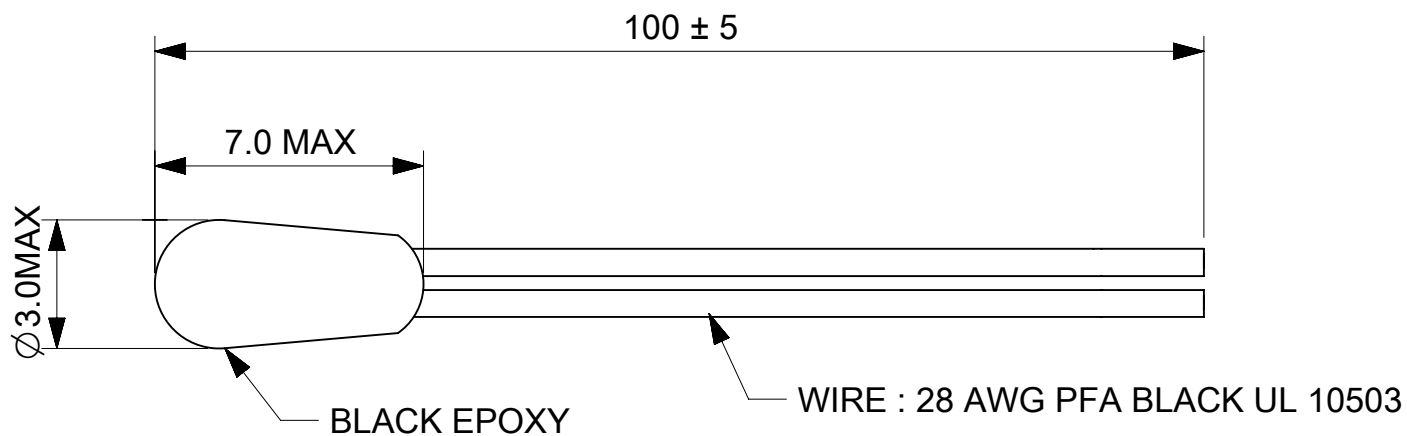




NOTES:

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