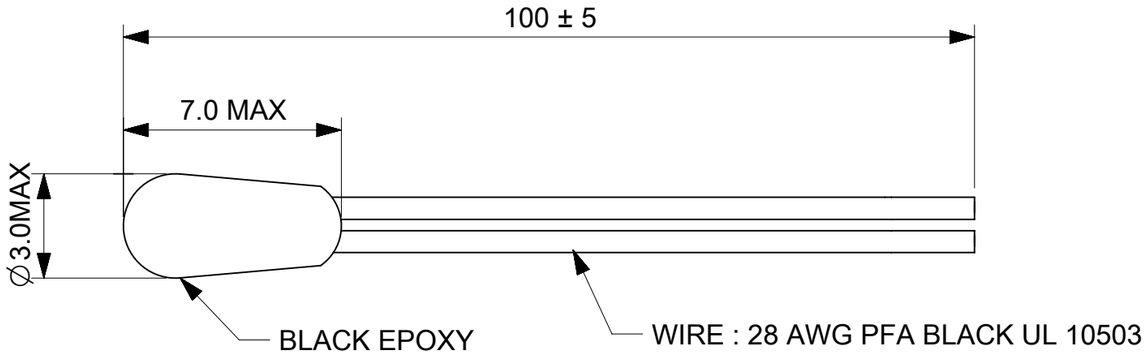

RESISTANCE VS TEMPERATURE CHARACTERISTICS:

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

NOTES:

1. RESISTANCE @ 25°C : 10KΩ±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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:
EC NO: 657230
DRWN: RAVIKM 2021/03/03
CHK'D: RBBHASKAR 2021/03/05
APPR: RBBHASKAR 2021/03/05

INITIAL REVISION:
DRWN: RAVIKM 2021/03/03
APPR: RBBHASKAR 2021/03/05

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 215272

molex

NTC EPOXY - 3892 100MM 10K1%

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2152723607	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
2152723607	OTS	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/05 05:20:01

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REVISION: J
DATE: 2020/01/14