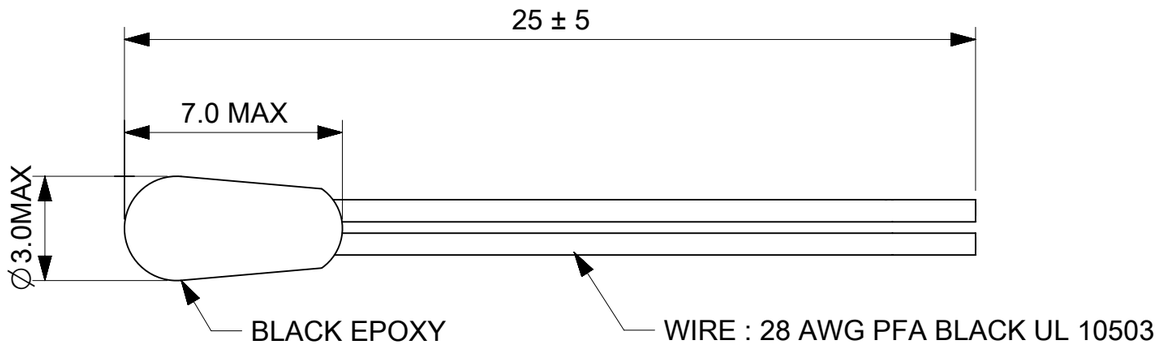

RESISTANCE VS TEMPERATURE CHARACTERISTICS:

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

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

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, FD = 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 2021/03/04
CHK'D: RBBHASKAR 2021/03/05
APPR: RBBHASKAR 2021/03/05

INITIAL REVISION:
DRWN: RAVIKM 2021/03/04
APPR: RBBHASKAR 2021/03/05

molex

NTC EPOXY - 3892 25MM 3K1%

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2152723303	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	215272	2152723303	OTS	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/05 05:19:57

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DATE: 2020/01/14