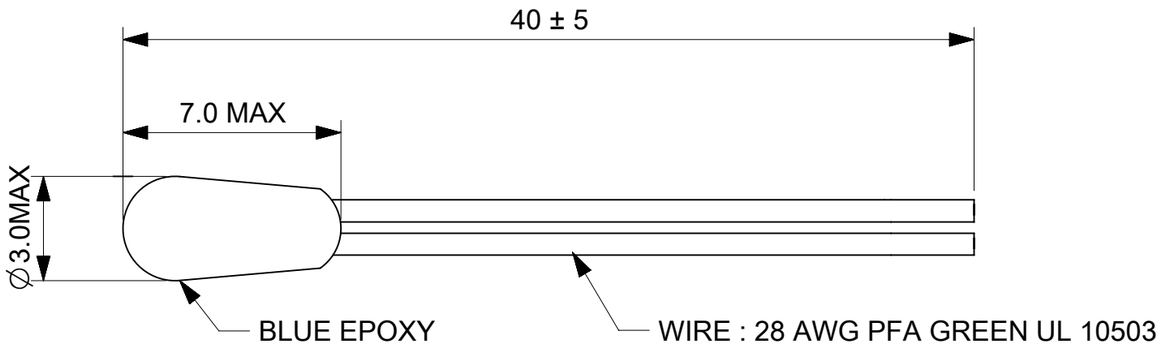

RESISTANCE VS TEMPERATURE CHARACTERISTICS:

Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)	Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)
-40	72.560	75.920	79.420	50	0.797	0.813	0.830
-35	52.540	54.790	57.140	55	0.660	0.675	0.690
-30	38.480	40.000	41.580	60	0.551	0.564	0.577
-25	28.470	29.510	30.580	65	0.461	0.473	0.486
-20	21.280	21.990	22.720	70	0.388	0.399	0.410
-15	16.010	16.500	17.000	75	0.329	0.338	0.348
-10	12.160	12.500	12.840	80	0.279	0.288	0.297
-5	9.323	9.554	9.790	85	0.239	0.247	0.255
0	7.207	7.367	7.529	90	0.205	0.212	0.219
5	5.613	5.723	5.835	95	0.177	0.183	0.190
10	4.407	4.482	4.558	100	0.153	0.159	0.165
15	3.487	3.538	3.589	105	0.133	0.138	0.144
20	2.779	2.813	2.847	110	0.116	0.121	0.126
25	2.229	2.252	2.275	115	0.102	0.106	0.110
30	1.793	1.815	1.837	120	0.090	0.093	0.097
35	1.451	1.472	1.493	125	0.079	0.082	0.086
40	1.181	1.201	1.221	130	0.069	0.072	0.076
45	0.968	0.985	1.004	135	0.059	0.062	0.066

NOTES:

1. RESISTANCE @ 25°C : 2.252KΩ±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 2021/03/04
CHK'D: RBBHASKAR 2021/03/05
APPR: RBBHASKAR 2021/03/05

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

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE
SERIES: 215272

molex

NTC EPOXY - 3892 40MM 2.25K1%

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2152723205	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
2152723205	OTS	1 OF 1

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

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REVISION: J
DATE: 2020/01/14