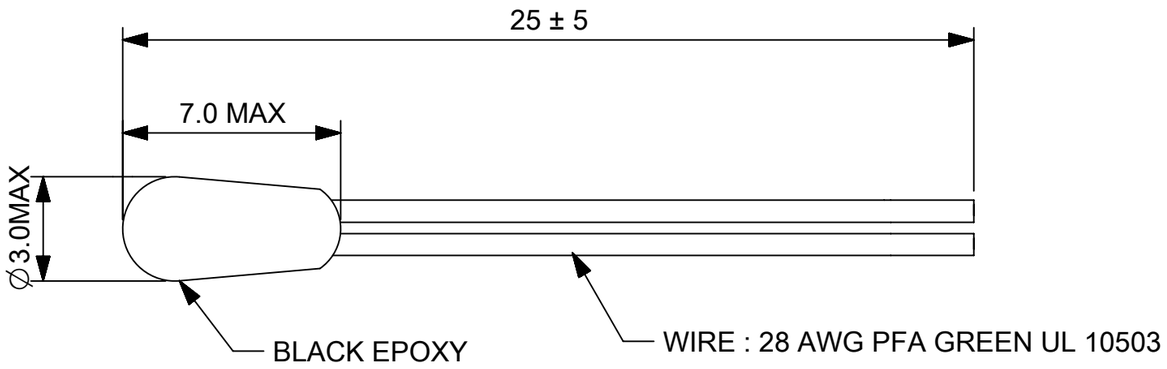

RESISTANCE VS TEMPERATURE CHARACTERISTICS:

Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)	Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)
-40	246.7	257.4	268.5	50	3.816	3.891	3.967
-35	182.8	190.1	197.8	55	3.202	3.270	3.340
-30	136.9	142.0	147.3	60	2.698	2.761	2.825
-25	103.6	107.1	110.8	65	2.284	2.341	2.399
-20	79.090	81.580	84.150	70	1.941	1.993	2.045
-15	60.950	62.700	64.500	75	1.656	1.703	1.751
-10	47.360	48.610	49.870	80	1.419	1.461	1.504
-5	37.100	37.980	38.870	85	1.221	1.259	1.298
0	29.280	29.900	30.530	90	1.054	1.088	1.124
5	23.250	23.680	24.130	95	0.913	0.944	0.977
10	18.590	18.900	19.210	100	0.794	0.822	0.851
15	14.970	15.190	15.400	105	0.692	0.718	0.745
20	12.140	12.280	12.430	110	0.606	0.629	0.653
25	9.900	10.000	10.100	115	0.531	0.552	0.574
30	8.092	8.190	8.288	120	0.467	0.487	0.507
35	6.652	6.746	6.840	125	0.412	0.430	0.448
40	5.499	5.587	5.676	130	0.357	0.373	0.389
45	4.569	4.651	4.734	135	0.302	0.316	0.330

NOTES:

1. RESISTANCE @ 25°C : 10KΩ±1%
2. BETA VALUE (0/50°C) : 3600K±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: 215270

molex

NTC EPOXY - 3600 25MM 10K 1%

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2152703603	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
2152703603	OTS	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/05 05:19:51

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REVISION: J
DATE: 2020/01/14