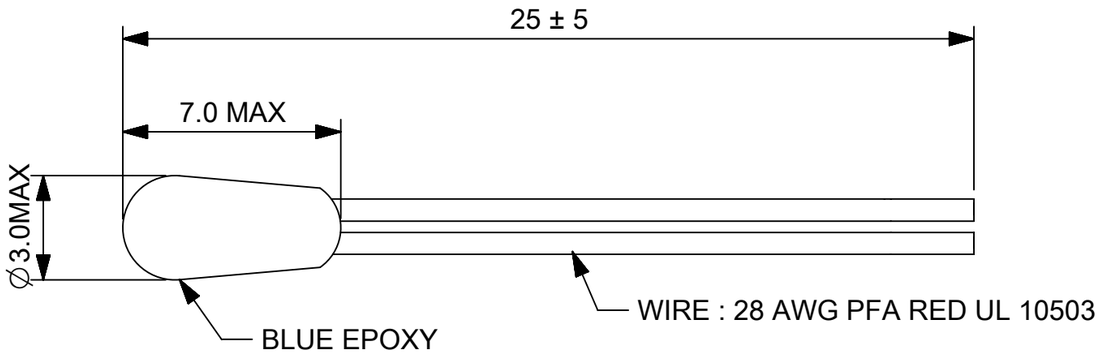

RESISTANCE VS TEMPERATURE CHARACTERISTICS:

Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)	Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)
-40	349.50	365.30	381.70	50	4.187	4.274	4.361
-35	256.30	267.10	278.20	55	3.455	3.533	3.612
-30	189.90	197.30	204.90	60	2.865	2.935	3.006
-25	142.10	147.20	152.40	65	2.387	2.449	2.514
-20	107.30	110.80	114.40	70	1.997	2.053	2.111
-15	81.80	84.26	86.77	75	1.678	1.728	1.780
-10	62.860	64.570	66.320	80	1.416	1.461	1.507
-5	48.640	49.840	51.060	85	1.201	1.241	1.283
0	37.890	38.730	39.580	90	1.023	1.059	1.096
5	29.670	30.240	30.830	95	0.875	0.907	0.940
10	23.380	23.780	24.180	100	0.751	0.779	0.809
15	18.550	18.820	19.090	105	0.646	0.672	0.698
20	14.800	14.980	15.170	110	0.558	0.581	0.605
25	11.880	12.000	12.120	115	0.484	0.505	0.526
30	9.546	9.664	9.782	120	0.421	0.439	0.459
35	7.712	7.823	7.936	125	0.367	0.384	0.401
40	6.262	6.365	6.470	130	0.313	0.329	0.343
45	5.109	5.204	5.300	135	0.259	0.274	0.285

NOTES:

1. RESISTANCE @ 25°C : 12KΩ±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	SCALE
mm	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 25MM 12K1%

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2152723703	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
2152723703	OTS	1 OF 1

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

FORMAT: molex_Standard-A3
REVISION: J
DATE: 2020/01/14