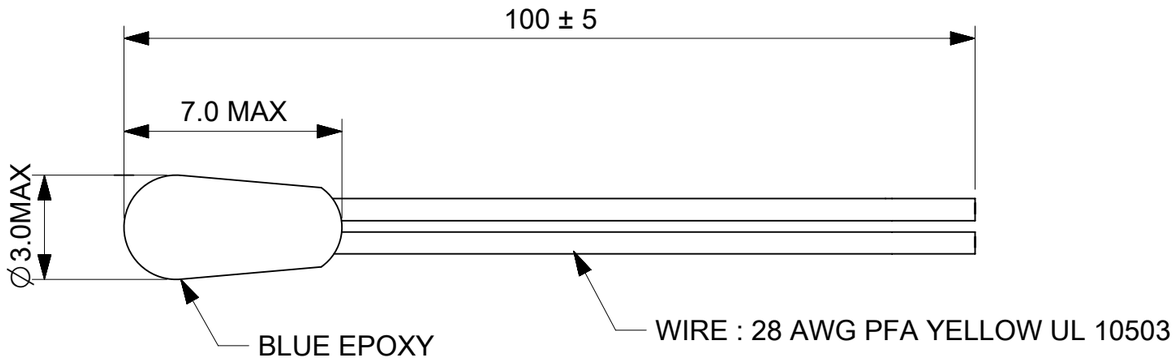


RESISTANCE VS TEMPERATURE CHARACTERISTICS:

Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)	Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)
-40	3505	3671	3844	50	33.800	34.500	35.220
-35	2521	2631	2746	55	27.660	28.290	28.940
-30	1834	1908	1985	60	22.730	23.290	23.870
-25	1348	1398	1450	65	18.750	19.260	19.770
-20	1001	1035	1070	70	15.540	15.980	16.440
-15	749.6	772.8	796.7	75	12.920	13.310	13.720
-10	566.5	582.3	598.6	80	10.780	11.130	11.490
-5	431.8	442.7	453.8	85	9.048	9.359	9.679
0	331.8	339.2	346.9	90	7.622	7.897	8.181
5	256.8	261.9	267	95	6.442	6.686	6.938
10	200.2	203.7	207.2	100	5.464	5.679	5.903
15	157.3	159.6	161.9	105	4.648	4.840	5.038
20	124.4	125.9	127.5	110	3.967	4.137	4.313
25	99.000	100.000	101.000	115	3.395	3.546	3.703
30	78.940	79.920	80.900	120	2.915	3.049	3.188
35	63.330	64.250	65.180	125	2.509	2.628	2.752
40	51.090	51.950	52.810	130	2.103	2.207	2.316
45	41.450	42.230	43.020	135	1.697	1.786	1.880

NOTES:

1. RESISTANCE @ 25°C : 100KΩ±1%
2. BETA VALUE (0/50°C) : 4035K±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 2021/03/04
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 - 4035 100MM 100K 1%

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2152793007	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	215279	2152793007	OTS	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/05 05:20:07

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DATE: 2020/01/1