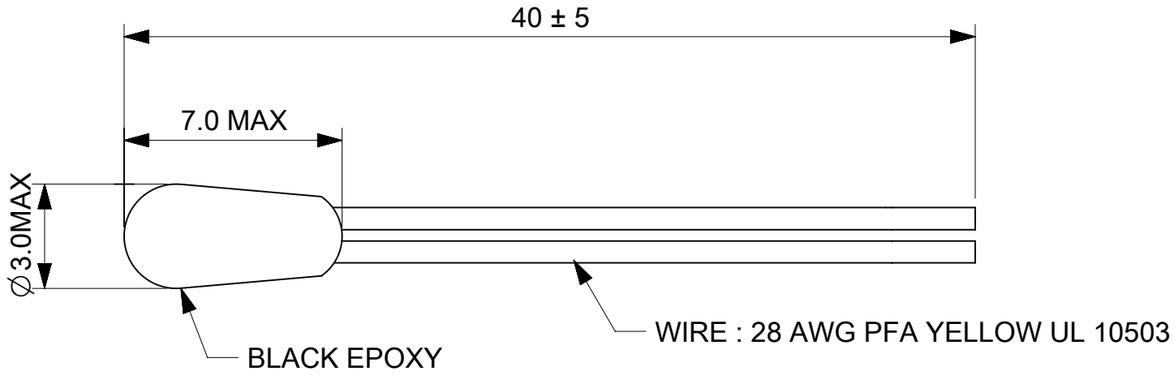

RESISTANCE VS TEMPERATURE CHARACTERISTICS:

Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)	Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)
-40	1458	1525	1595	50	16.56	16.9	17.24
-35	1062	1107	1154	55	13.69	14	14.31
-30	782.1	812.9	844.8	60	11.38	11.65	11.94
-25	581.6	602.7	624.4	65	9.501	9.749	10
-20	436.6	451	466	70	7.969	8.191	8.419
-15	329.8	339.8	350.1	75	6.713	6.912	7.116
-10	251.4	258.3	265.4	80	5.679	5.857	6.04
-5	193.3	198.1	203	85	4.824	4.983	5.147
0	149.8	153.1	156.5	90	4.114	4.256	4.403
5	116.9	119.1	121.5	95	3.521	3.648	3.78
10	91.850	93.420	95.010	100	3.024	3.138	3.257
15	72.730	73.800	74.870	105	2.606	2.709	2.815
20	57.980	58.700	59.420	110	2.253	2.345	2.441
25	46.530	47.000	47.470	115	1.955	2.037	2.123
30	37.410	37.870	38.330	120	1.7	1.775	1.852
35	30.260	30.700	31.140	125	1.484	1.551	1.62
40	24.620	25.020	25.430	130	1.268	1.327	1.388
45	20.140	20.510	20.890	135	1.052	1.103	1.156

NOTES:

1. RESISTANCE @ 25°C : 47KΩ±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

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 - 3892 40MM 47K1%

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2152723905	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	215272	2152723905	OTS	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/05 05:20:04

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