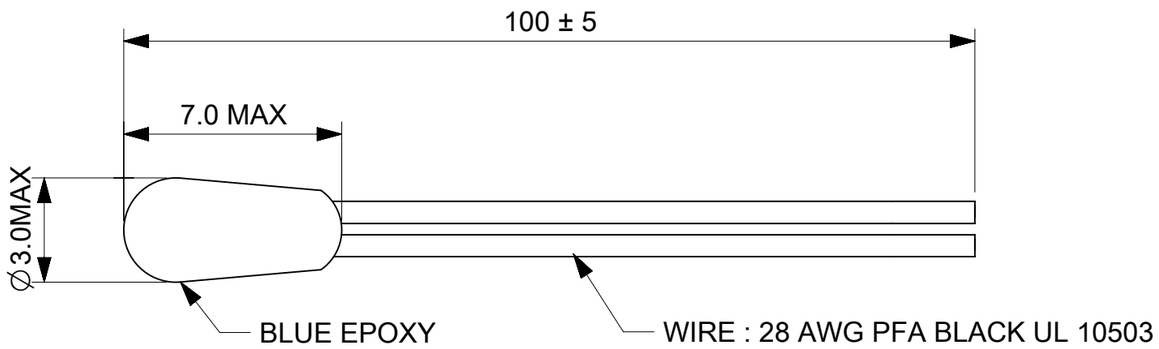

RESISTANCE VS TEMPERATURE CHARACTERISTICS:

Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)	Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)
-40	138.3	144.5	151	50	1.654	1.688	1.723
-35	102.3	106.6	111.1	55	1.369	1.400	1.431
-30	76.33	79.31	82.40	60	1.138	1.166	1.194
-25	57.39	59.46	61.59	65	0.951	0.976	1.002
-20	43.46	44.90	46.39	70	0.799	0.821	0.844
-15	32.88	33.87	34.89	75	0.674	0.694	0.714
-10	25.09	25.78	26.48	80	0.571	0.589	0.607
-5	19.30	19.78	20.27	85	0.486	0.502	0.519
0	14.97	15.30	15.64	90	0.416	0.430	0.445
5	11.68	11.91	12.14	95	0.357	0.370	0.383
10	9.18	9.34	9.50	100	0.308	0.319	0.331
15	7.27	7.38	7.49	105	0.266	0.277	0.287
20	5.80	5.87	5.94	110	0.231	0.240	0.250
25	4.65	4.70	4.75	115	0.201	0.210	0.218
30	3.74	3.79	3.83	120	0.176	0.183	0.191
35	3.03	3.07	3.11	125	0.154	0.161	0.168
40	2.46	2.50	2.54	130	0.134	0.141	0.143
45	2.01	2.05	2.09	135	0.114	0.121	0.118

NOTES:

1. RESISTANCE @ 25°C : 4.7KΩ±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 100MM 4.7K1%

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2152723407	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
2152723407	OTS	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/05 05:19:59

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REVISION: J
DATE: 2020/01/14