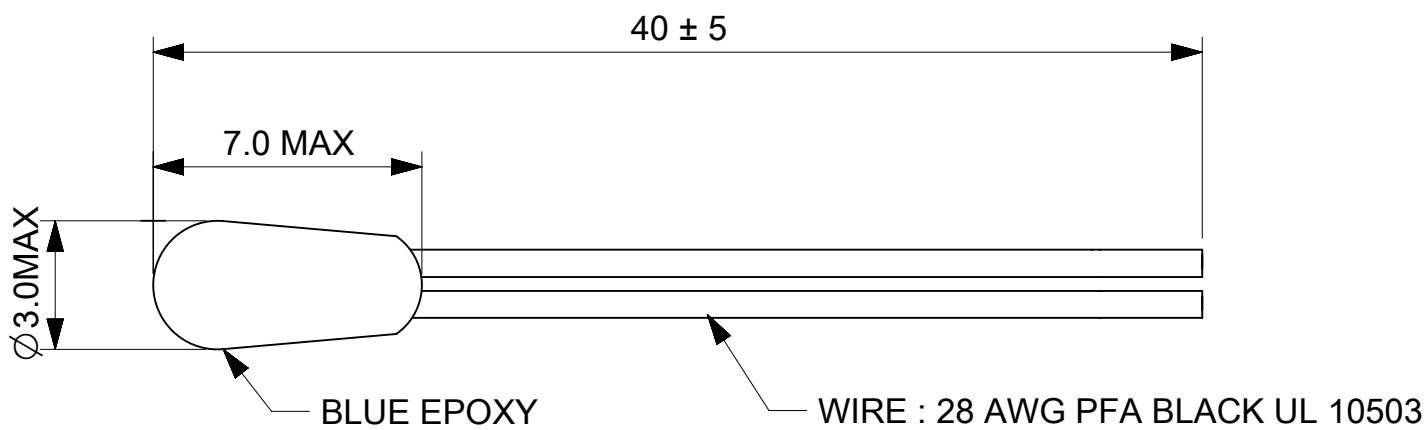




NOTES:

1. RESISTANCE @ 25°C : $4.7\text{K}\Omega \pm 1\%$.
2. BETA VALUE ($0/50^{\circ}\text{C}$) : $3892\text{K} \pm 1\%$.
3. OPERATING TEMPERATURE RANGE : -40°C TO $+135^{\circ}\text{C}$.
4. DISSIPATION FACTOR : $1.5\text{mW}/^{\circ}\text{C}$
5. THERMAL TIME CONSTANT : LESS THAN 3SECONDS IN WATER
- 6.INSULATION RESISTANCE : $10\text{M}\Omega$ AT 100 VDC

RESISTANCE VS TEMPERATURE CHARACTERISTICS:

Temp($^{\circ}\text{C}$)	R min (K Ω)	R nom (K Ω)	R max (K Ω)	Temp($^{\circ}\text{C}$)	R min (K Ω)	R nom (K Ω)	R max (K Ω)
-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

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	DIMENSION UNITS		SCALE	CURRENT REV DESC:			molex							
= 0	mm		NTS											
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			NTC EPOXY - 3892 40MM 4.7K1%										
= 0	ANGULAR TOL ± °													
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 657230 DRWN: RAVIKM CHK'D: RBBHASKAR APPR: RBBHASKAR INITIAL REVISION: DRWN: RAVIKM APPR: RBBHASKAR			PRODUCT CUSTOMER DRAWING								
	3 PLACES	±												
	2 PLACES	±				DOCUMENT NUMBER								
	1 PLACE	±				DOC TYPE								
	0 PLACES	±				DOC PART								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
					A3-SIZE		215272		2152723405		OTS		1 OF 1	