



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

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex					
	△/A = 0	mm NTS								
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 657230 DRWN: RAVIKM 2021/03/04 CHK'D: RBBHASKAR 2021/03/05 APPR: RBBHASKAR 2021/03/05		NTC EPOXY - 3892 40MM 4.7K1%					
	△/E = 0	ANGULAR TOL ± °			PRODUCT CUSTOMER DRAWING					
DIVISIONAL SYMBOLS	4 PLACES ±		INITIAL REVISION: DRWN: RAVIKM 2021/03/04 APPR: RBBHASKAR 2021/03/05		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	3 PLACES ±				2152723405		PSD	000	A	
	2 PLACES ±				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	1 PLACE ±				2152723405		OTS		1 OF 1	
	0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES			
						A3-SIZE	215272			