



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	322.555	333.56	344.57	50	3.573	3.601	3.628
-35	234.14	241.072	248.004	55	2.963	2.985	3.007
-30	171.457	176.082	180.706	60	2.469	2.487	2.505
-25	126.895	129.925	132.956	65	2.067	2.082	2.096
-20	94.846	96.807	98.769	70	1.739	1.751	1.763
-15	71.522	72.809	74.096	75	1.467	1.48	1.492
-10	54.413	55.253	56.093	80	1.243	1.256	1.269
-5	41.758	42.292	42.826	85	1.057	1.07	1.083
0	32.307	32.64	32.973	90	0.903	0.916	0.928
5	25.139	25.391	25.642	95	0.775	0.786	0.798
10	19.711	19.902	20.093	100	0.667	0.678	0.689
15	15.567	15.713	15.86	105	0.576	0.587	0.597
20	12.38	12.493	12.606	110	0.5	0.51	0.519
25	9.912	10	10.088	115	0.435	0.444	0.453
30	7.987	8.056	8.125	120	0.38	0.388	0.396
35	6.476	6.53	6.584	125	0.333	0.34	0.348
40	5.282	5.325	5.367	130	0.292	0.299	0.306
45	4.332	4.367	4.401	135	0.258	0.264	0.271

NOTES:

1. RESISTANCE @ 25°C : 10KΩ±0.2°C(±0.88%).
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				
	DIMENSION UNITS	SCALE							
▽/A = 0	mm	NTS	EC NO: 691238 DRWN: RAVIKM 2022/01/05 CHK'D: RBBHASKAR 2022/01/25 APPR: RBBHASKAR 2022/01/25 INITIAL REVISION: DRWN: RAVIKM 2021/03/04 APPR: RBBHASKAR 2021/03/05		NTC EPOXY - 3892 40MM 10K0.88%				
▽/E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING				
▽/V = 0	ANGULAR TOL ± °				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
DIVISIONAL SYMBOLS	4 PLACES	±			2152722605		PSD	000	A1
	3 PLACES	±			MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
	2 PLACES	±			2152722605		OTS		1 OF 1
	1 PLACE	±	SERIES						
	0 PLACES	±	A3-SIZE						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING					