



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		
	DIMENSION UNITS	SCALE	CURRENT REV DESC:
$\nabla_A = 0$	mm	NTS	<p>molex</p> <p>NTC EPOXY - 3892 100MM 10K0.88%</p> <p>PRODUCT CUSTOMER DRAWING</p>
$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		
$\nabla_F = 0$	ANGULAR TOL ± °		
DIVISIONAL SYMBOLS	4 PLACES ±	3 PLACES ±	
	2 PLACES ±	2 PLACES ±	EC NO: 691238
	1 PLACE ±	1 PLACE ±	DRWN: RAVIKM 2022/01/05
	0 PLACES ±	0 PLACES ±	CHK'D: RBBHASKAR 2022/01/25
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: RBBHASKAR 2022/01/25
	THIRD ANGLE PROJECTION	DRAWING	INITIAL REVISION:
		A3-SIZE	DRWN: RAVIKM 2021/03/04
		SERIES	APPR: RBBHASKAR 2021/03/05
		MATERIAL NUMBER	DOCUMENT NUMBER
		215272	2152722607
		CUSTOMER	DOC TYPE
		OTS	PSD
		SHEET NUMBER	DOC PART
		1 OF 1	000
			REVISION
			A1