



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	324.756	333.563	342.369	50	3.587	3.601	3.614
-35	235.68	241.072	246.464	55	2.974	2.985	2.996
-30	172.491	176.082	179.673	60	2.478	2.487	2.496
-25	127.672	129.925	132.179	65	2.075	2.082	2.089
-20	954.061	96.807	98.209	70	1.745	1.751	1.757
-15	71.910	72.809	737.074	75	1.472	1.480	1.487
-10	54.713	55.253	55.793	80	1.248	1.256	1.264
-5	41.981	42.292	42.604	85	1.062	1.070	1.079
0	32.473	32.640	32.806	90	0.907	0.916	0.924
5	25.265	25.391	25.516	95	0.778	0.786	0.795
10	19.806	19.902	19.997	100	0.670	0.678	0.686
15	15.640	15.713	15.787	105	0.579	0.587	0.594
20	12.437	12.493	12.550	110	0.502	0.510	0.517
25	9.956	10.000	10.044	115	0.437	0.444	0.451
30	8.022	8.056	8.090	120	0.382	0.388	0.394
35	6.503	6.530	6.557	125	0.335	0.340	0.346
40	5.303	5.325	5.346	130	0.294	0.299	0.305
45	43.495	4.367	4.384	135	0.259	0.264	0.269

NOTES:

1. RESISTANCE @ 25°C : $10\text{K}\Omega \pm 0.1^\circ\text{C} (\pm 0.44\%)$.
2. BETA VALUE (0/50°C) : $3892\text{K} \pm 1\%$.
3. OPERATING TEMPERATURE RANGE : -40°C TO +135°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

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		
	$\nabla_A = 0$ $\nabla_E = 0$ $\nabla_F = 0$	DIMENSION UNITS: mm SCALE: NTS					
DIVISIONAL SYMBOLS	ANGULAR TOL ± °		EC NO: 691238		NTC EPOXY - 3892 40MM 10K0.44%		
	4 PLACES ±		DRWN: RAVIKM	2022/01/05	PRODUCT CUSTOMER DRAWING		
	3 PLACES ±		CHK'D: RBBHASKAR	2022/01/25	DOCUMENT NUMBER: 2152721605		
	2 PLACES ±		APPR: RBBHASKAR	2022/01/25	DOC TYPE: PSD	DOC PART: 000	REVISION: A1
	1 PLACE ±		INITIAL REVISION:		MATERIAL NUMBER: 2152721605		
0 PLACES ±		DRWN: RAVIKM	2021/03/04	CUSTOMER: OTS			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 215272	SHEET NUMBER: 1 OF 1		