



**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	320.50	335.40	350.80	50	3.416	3.487	3.559
-35	232.40	242.30	252.70	55	2.806	2.870	2.935
-30	170.30	177.10	184.10	60	2.316	2.374	2.432
-25	126.20	130.80	135.50	65	1.921	1.972	2.024
-20	94.370	97.520	100.800	70	1.600	1.645	1.692
-15	71.230	73.400	75.630	75	1.338	1.379	1.420
-10	54.240	55.740	57.270	80	1.124	1.160	1.197
-5	41.640	42.680	43.730	85	0.949	0.982	1.015
0	32.220	32.930	33.660	90	0.805	0.834	0.863
5	25.120	25.620	26.120	95	0.686	0.711	0.737
10	19.720	20.060	20.400	100	0.586	0.609	0.632
15	15.580	15.810	16.040	105	0.502	0.523	0.544
20	12.380	12.540	12.690	110	0.432	0.450	0.469
25	9.900	10.000	10.100	115	0.373	0.389	0.406
30	7.922	8.020	8.118	120	0.323	0.338	0.353
35	6.373	6.465	6.559	125	0.281	0.294	0.307
40	5.152	5.238	5.325	130	0.239	0.250	0.261
45	4.186	4.264	4.344	135	0.197	0.206	0.215

**NOTES:**

1. RESISTANCE @ 25°C : 10KΩ±1%
2. BETA VALUE (0/50°C) : 3964K±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:		<b>molex</b>			
	$\nabla_A = 0$ $\nabla_E = 0$ $\nabla_V = 0$	DIMENSION UNITS: mm SCALE: NTS				GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °		NTC EPOXY - 3964 40MM 10K 1%
DIVISIONAL SYMBOLS	4 PLACES ±	3 PLACES ±	2 PLACES ±	1 PLACE ±	0 PLACES ±			
	EC NO: 657230		2021/03/04		PRODUCT CUSTOMER DRAWING			
DRWN: RAVIKM		2021/03/05						
CHK'D: RBBHASKAR		2021/03/05		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	
APPR: RBBHASKAR		2021/03/05						
INITIAL REVISION:		2021/03/04		2152743605	PSD	000	A	
DRWN: RAVIKM		2021/03/05						
APPR: RBBHASKAR		2021/03/05		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING				SERIES	215274