



**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	943.80	987.20	1033.00	50	10.540	10.760	10.980
-35	684.40	713.60	743.90	55	8.692	8.887	9.086
-30	502.00	521.70	542.20	60	7.197	7.372	7.551
-25	372.10	385.60	399.50	65	5.983	6.140	6.300
-20	278.60	287.80	297.30	70	4.993	5.133	5.277
-15	210.30	216.60	223.20	75	4.182	4.307	4.435
-10	160.20	164.60	169.10	80	3.515	3.626	3.741
-5	123.10	126.20	129.30	85	2.969	3.068	3.171
0	95.390	97.490	99.640	90	2.517	2.605	2.696
5	74.480	75.930	77.410	95	2.141	2.219	2.301
10	58.580	59.580	60.590	100	1.826	1.897	1.969
15	46.410	47.090	47.770	105	1.563	1.626	1.690
20	37.010	37.470	37.920	110	1.342	1.397	1.455
25	29.700	30.000	30.300	115	1.155	1.205	1.256
30	23.880	24.170	24.460	120	0.997	1.041	1.088
35	19.310	19.580	19.860	125	0.863	0.902	0.944
40	15.700	15.960	16.220	130	0.729	0.763	0.800
45	12.830	13.070	13.310	135	0.595	0.624	0.656

**NOTES:**

1. RESISTANCE @ 25°C : 30KΩ±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:		<b>molex</b>		
	GENERAL TOLERANCES (UNLESS SPECIFIED)	EC NO: 657230					
mm	NTS	DRWN: RAVIKM		2021/03/03			
ANGULAR TOL ± °	DRWN: RAVIKM		CHK'D: RBBHASKAR		2021/03/05		
4 PLACES ±	APPR: RBBHASKAR		APPR: RBBHASKAR		2021/03/05		
3 PLACES ±	INITIAL REVISION:		DRWN: RAVIKM		2021/03/03		
2 PLACES ±	DRWN: RAVIKM		APPR: RBBHASKAR		2021/03/05		
1 PLACE ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		
0 PLACES ±	A3-SIZE		SERIES		MATERIAL NUMBER		
DOCUMENT STATUS		P1		RELEASE DATE		2021/03/05 05:20:03	
215272		2152723807		CUSTOMER		OTS	
1 OF 1		SHEET NUMBER		DOC TYPE		PSD	
000		000		DOC PART		A	
A		A		REVISION		A	