



**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	349.50	365.30	381.70	50	4.187	4.274	4.361
-35	256.30	267.10	278.20	55	3.455	3.533	3.612
-30	189.90	197.30	204.90	60	2.865	2.935	3.006
-25	142.10	147.20	152.40	65	2.387	2.449	2.514
-20	107.30	110.80	114.40	70	1.997	2.053	2.111
-15	81.80	84.26	86.77	75	1.678	1.728	1.780
-10	62.860	64.570	66.320	80	1.416	1.461	1.507
-5	48.640	49.840	51.060	85	1.201	1.241	1.283
0	37.890	38.730	39.580	90	1.023	1.059	1.096
5	29.670	30.240	30.830	95	0.875	0.907	0.940
10	23.380	23.780	24.180	100	0.751	0.779	0.809
15	18.550	18.820	19.090	105	0.646	0.672	0.698
20	14.800	14.980	15.170	110	0.558	0.581	0.605
25	11.880	12.000	12.120	115	0.484	0.505	0.526
30	9.546	9.664	9.782	120	0.421	0.439	0.459
35	7.712	7.823	7.936	125	0.367	0.384	0.401
40	6.262	6.365	6.470	130	0.313	0.329	0.343
45	5.109	5.204	5.300	135	0.259	0.274	0.285

**NOTES:**

1. RESISTANCE @ 25°C : 12KΩ±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>							
	△/A = 0	mm NTS										
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 657230 DRWN: RAVIKM CHK'D: RBBHASKAR APPR: RBBHASKAR		NTC EPOXY - 3892 100MM 12K1%							
	△/E = 0	ANGULAR TOL ± °										
DIVISIONAL SYMBOLS	△/F = 0	4 PLACES ±	INITIAL REVISION: DRWN: RAVIKM APPR: RBBHASKAR		PRODUCT CUSTOMER DRAWING							
	△/G = 0	3 PLACES ±										
	△/H = 0	2 PLACES ±						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	△/I = 0	1 PLACE ±						2152723707		PSD	000	A
	0 PLACES ±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER					
			A3-SIZE	215272	2152723707	OTS	1 OF 1					