



**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	32.22	33.71	35.27	50	0.354	0.361	0.368
-35	23.33	24.33	25.37	55	0.293	0.3	0.306
-30	17.08	17.76	18.46	60	0.244	0.25	0.256
-25	12.64	13.1	13.58	65	0.205	0.21	0.216
-20	9.45	9.766	10.09	70	0.172	0.177	0.182
-15	7.11	7.326	7.548	75	0.146	0.15	0.155
-10	5.401	5.55	5.702	80	0.124	0.128	0.132
-5	4.14	4.242	4.347	85	0.106	0.11	0.113
0	3.2	3.271	3.343	90	0.091	0.094	0.097
5	2.493	2.541	2.591	95	0.079	0.081	0.084
10	1.957	1.99	2.024	100	0.068	0.071	0.073
15	1.548	1.571	1.594	105	0.059	0.061	0.064
20	1.234	1.249	1.264	110	0.052	0.054	0.056
25	0.99	1	1.01	115	0.045	0.047	0.049
30	0.796	0.806	0.816	120	0.04	0.041	0.043
35	0.644	0.654	0.663	125	0.035	0.037	0.038
40	0.525	0.533	0.542	130	0.03	0.032	0.033
45	0.43	0.438	0.446	135	0.025	0.027	0.028

**NOTES:**

1. RESISTANCE @ 25°C : 1KΩ±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>				
	DIMENSION UNITS	SCALE							
$\nabla_A = 0$	mm	NTS	EC NO: 657230 DRWN: RAVIKM CHK'D: RBBHASKAR APPR: RBBHASKAR INITIAL REVISION: DRWN: RAVIKM APPR: RBBHASKAR		NTC EPOXY - 3892 25MM 1K1%				
$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)								
$\nabla_F = 0$	ANGULAR TOL ± °				PRODUCT CUSTOMER DRAWING				
DIVISIONAL SYMBOLS	4 PLACES	±							
	3 PLACES	±			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	2 PLACES	±			2152723103		PSD	001	A
	1 PLACE	±	2021/03/04						
	0 PLACES	±	2021/03/05						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
			A3-SIZE	215272	2152723103	OTS	1 OF 1		