



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 ▽/A = 0 ▽/E = 0 ▽/V = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE mm NTS	CURRENT REV DESC:	molex
	GENERAL TOLERANCES (UNLESS SPECIFIED)	EC NO: 657230	2021/03/04	
DIVISIONAL SYMBOLS	ANGULAR TOL ± °	4 PLACES ±	DRWN: RAVIKM 2021/03/05	PRODUCT CUSTOMER DRAWING
	3 PLACES ±	2 PLACES ±	CHK'D: RBBHASKAR 2021/03/05	
	1 PLACE ±	0 PLACES ±	APPR: RBBHASKAR 2021/03/05	DOCUMENT NUMBER
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	INITIAL REVISION: DRWN: RAVIKM 2021/03/04 APPR: RBBHASKAR 2021/03/05	2152723105
		DRAWING A3-SIZE	SERIES 215272	DOC TYPE PSD
			MATERIAL NUMBER NTC EPOXY - 3892 40mm 1K1%	DOC PART 000
			CUSTOMER OTS	REVISION A
				SHEET NUMBER 1 OF 1