



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:		molex		
	mm	NTS					
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 657230		PRODUCT CUSTOMER DRAWING		
	ANGULAR TOL ± °		DRWN: RAVIKM 2021/03/04				
DIVISIONAL SYMBOLS	4 PLACES ±		CHK'D: RBBHASKAR 2021/03/05		DOCUMENT NUMBER: 2152723107		
	3 PLACES ±		APPR: RBBHASKAR 2021/03/05				
	2 PLACES ±		INITIAL REVISION:				
	1 PLACE ±		DRWN: RAVIKM 2021/03/04				
0 PLACES ±		APPR: RBBHASKAR 2021/03/05		DOC TYPE: PSD	DOC PART: 000	REVISION: A	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 215272	MATERIAL NUMBER: 2152723107	CUSTOMER: OTS	SHEET NUMBER: 1 OF 1