



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	88.25	92.25	96.41	50	1.056	1.078	1.1
-35	65.3	68.05	70.91	55	0.874	0.893	0.913
-30	48.72	50.62	52.59	60	0.727	0.744	0.762
-25	36.63	37.95	39.32	65	0.607	0.623	0.639
-20	27.74	28.66	29.61	70	0.51	0.524	0.539
-15	20.99	21.62	22.27	75	0.43	0.443	0.456
-10	16.01	16.45	16.9	80	0.364	0.376	0.388
-5	12.32	12.63	12.94	85	0.31	0.321	0.331
0	9.555	9.766	9.981	90	0.265	0.275	0.284
5	7.455	7.601	7.749	95	0.228	0.236	0.245
10	5.862	5.962	6.063	100	0.196	0.204	0.211
15	4.642	4.71	4.778	105	0.17	0.177	0.183
20	3.701	3.747	3.793	110	0.147	0.153	0.16
25	2.97	3	3.03	115	0.128	0.134	0.139
30	2.388	2.417	2.447	120	0.112	0.117	0.122
35	1.931	1.959	1.987	125	0.098	0.103	0.107
40	1.571	1.597	1.623	130	0.083	0.093	0.092
45	1.285	1.308	1.333	135	0.068	0.083	0.077

NOTES:

1. RESISTANCE @ 25°C : 3KΩ±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	CURRENT REV DESC:		molex
	DIMENSION UNITS: mm	SCALE: NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
DIVISIONAL SYMBOLS	ANGULAR TOL ± °	4 PLACES ±	EC NO: 657230	PRODUCT CUSTOMER DRAWING
	3 PLACES ±	2 PLACES ±	DRWN: RAVIKM 2021/03/04	
	1 PLACE ±	0 PLACES ±	CHK'D: RBBHASKAR 2021/03/05	DOCUMENT NUMBER: 2152723305
			APPR: RBBHASKAR 2021/03/05	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	INITIAL REVISION: DRWN: RAVIKM 2021/03/04 APPR: RBBHASKAR 2021/03/05	DOC TYPE: PSD
		DRAWING: A3-SIZE	SERIES: 215272	DOC PART: 000
			MATERIAL NUMBER: 2152723305	REVISION: A
			CUSTOMER: OTS	SHEET NUMBER: 1 OF 1