



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	320.50	335.40	350.80	50	3.416	3.487	3.559
-35	232.40	242.30	252.70	55	2.806	2.870	2.935
-30	170.30	177.10	184.10	60	2.316	2.374	2.432
-25	126.20	130.80	135.50	65	1.921	1.972	2.024
-20	94.370	97.520	100.800	70	1.600	1.645	1.692
-15	71.230	73.400	75.630	75	1.338	1.379	1.420
-10	54.240	55.740	57.270	80	1.124	1.160	1.197
-5	41.640	42.680	43.730	85	0.949	0.982	1.015
0	32.220	32.930	33.660	90	0.805	0.834	0.863
5	25.120	25.620	26.120	95	0.686	0.711	0.737
10	19.720	20.060	20.400	100	0.586	0.609	0.632
15	15.580	15.810	16.040	105	0.502	0.523	0.544
20	12.380	12.540	12.690	110	0.432	0.450	0.469
25	9.900	10.000	10.100	115	0.373	0.389	0.406
30	7.922	8.020	8.118	120	0.323	0.338	0.353
35	6.373	6.465	6.559	125	0.281	0.294	0.307
40	5.152	5.238	5.325	130	0.239	0.250	0.261
45	4.186	4.264	4.344	135	0.197	0.206	0.215

NOTES:

1. RESISTANCE @ 25°C : 10KΩ±1%
2. BETA VALUE (0/50°C) : 3964K±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	EC NO: 657230	
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	2021/03/04		PRODUCT CUSTOMER DRAWING
	ANGULAR TOL ± °	4 PLACES ±	2021/03/05	
	3 PLACES ±	DRWN: RAVIKM	2021/03/05	DOCUMENT NUMBER
	2 PLACES ±	CHK'D: RBBHASKAR		2152743607
	1 PLACE ±	APPR: RBBHASKAR		DOC TYPE
	0 PLACES ±	INITIAL REVISION:		PSD
		DRWN: RAVIKM	2021/03/04	DOC PART
		APPR: RBBHASKAR	2021/03/05	000
				REVISION
				A
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SHEET NUMBER
		⊕	A3-SIZE	1 OF 1
			SERIES	
			215274	
			MATERIAL NUMBER	
			2152743607	
			CUSTOMER	
			OTS	