



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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			CURRENT REV DESC:			molex			
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 657230
FUNCTIONAL SYMBOLS	mm	NTS	EC NO: 657230			2021/03/04				
FUNCTIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DRWN: RAVIKM			2021/03/05			
FUNCTIONAL SYMBOLS	ANGULAR TOL ± °			CHK'D: RBBHASKAR			2021/03/05			
DIVISIONAL SYMBOLS	4 PLACES	±	APPR: RBBHASKAR			2021/03/05				
DIVISIONAL SYMBOLS	3 PLACES	±	INITIAL REVISION:			DOCUMENT NUMBER				
DIVISIONAL SYMBOLS	2 PLACES	±	DRWN: RAVIKM			2152743603				
DIVISIONAL SYMBOLS	1 PLACE	±	APPR: RBBHASKAR			PSD 000 A				
DIVISIONAL SYMBOLS	0 PLACES	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SHEET NUMBER				
DIVISIONAL SYMBOLS	THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
DIVISIONAL SYMBOLS	A3-SIZE		215274		2152743603		OTS		1 OF 1	