



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	246.7	257.4	268.5	50	3.816	3.891	3.967
-35	182.8	190.1	197.8	55	3.202	3.270	3.340
-30	136.9	142.0	147.3	60	2.698	2.761	2.825
-25	103.6	107.1	110.8	65	2.284	2.341	2.399
-20	79.090	81.580	84.150	70	1.941	1.993	2.045
-15	60.950	62.700	64.500	75	1.656	1.703	1.751
-10	47.360	48.610	49.870	80	1.419	1.461	1.504
-5	37.100	37.980	38.870	85	1.221	1.259	1.298
0	29.280	29.900	30.530	90	1.054	1.088	1.124
5	23.250	23.680	24.130	95	0.913	0.944	0.977
10	18.590	18.900	19.210	100	0.794	0.822	0.851
15	14.970	15.190	15.400	105	0.692	0.718	0.745
20	12.140	12.280	12.430	110	0.606	0.629	0.653
25	9.900	10.000	10.100	115	0.531	0.552	0.574
30	8.092	8.190	8.288	120	0.467	0.487	0.507
35	6.652	6.746	6.840	125	0.412	0.430	0.448
40	5.499	5.587	5.676	130	0.357	0.373	0.389
45	4.569	4.651	4.734	135	0.302	0.316	0.330

NOTES:

1. RESISTANCE @ 25°C : 10KΩ±1%
2. BETA VALUE (0/50°C) : 3600K±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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
FUNCTIONAL SYMBOLS	mm	NTS	EC NO: 657230		NTC EPOXY - 3600 100MM 10K 1%		
FUNCTIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: RAVIKM		PRODUCT CUSTOMER DRAWING		
FUNCTIONAL SYMBOLS	ANGULAR TOL ± °		2021/03/04		DOCUMENT NUMBER		
DIVISIONAL SYMBOLS	4 PLACES ±		2021/03/05		2152703607		
DIVISIONAL SYMBOLS	3 PLACES ±		2021/03/05		DOC TYPE DOC PART REVISION		
DIVISIONAL SYMBOLS	2 PLACES ±		INITIAL REVISION:		PSD 000 A		
DIVISIONAL SYMBOLS	1 PLACE ±		DRWN: RAVIKM		2152703607		
DIVISIONAL SYMBOLS	0 PLACES ±		APPR: RBBHASKAR		2152703607		
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		SERIES		
DIVISIONAL SYMBOLS			DRAWING		MATERIAL NUMBER		
DIVISIONAL SYMBOLS			A3-SIZE		CUSTOMER		
DIVISIONAL SYMBOLS			215270		SHEET NUMBER		
DIVISIONAL SYMBOLS			2152703607		1 OF 1		