



NOTES:

1. RESISTANCE @ 25°C : 100K±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

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	3081.0	3222.0	3369.0	50	35.160	35.880	36.610
-35	2247.0	2343.0	2442.0	55	29.060	29.710	30.380
-30	1657.0	1722.0	1789.0	60	24.140	24.730	25.330
-25	1233.0	1278.0	1324.0	65	20.150	20.670	21.210
-20	926.6	957.3	989.0	70	16.890	17.360	17.850
-15	700.1	721.3	743.0	75	14.220	14.640	15.080
-10	533.8	548.4	563.4	80	12.020	12.400	12.790
-5	410.4	420.6	430.9	85	10.210	10.550	10.900
0	318.1	325.2	332.3	90	8.705	9.007	9.319
5	248.3	253.2	258.1	95	7.449	7.719	7.999
10	195.3	198.6	202.0	100	6.396	6.638	6.889
15	154.7	157.0	159.3	105	5.511	5.728	5.954
20	123.4	124.9	126.4	110	4.764	4.959	5.162
25	99.000	100.000	101.000	115	4.132	4.307	4.489
30	79.590	80.570	81.550	120	3.594	3.751	3.915
35	64.360	65.290	66.220	125	3.135	3.277	3.425
40	52.340	53.200	54.070	130	2.676	2.803	2.935
45	42.790	43.580	44.380	135	2.217	2.329	2.445

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 - 3892 100MM 100K1%		
FUNCTIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: RAVIKM		PRODUCT CUSTOMER DRAWING		
FUNCTIONAL SYMBOLS	ANGULAR TOL ± °		CHK'D: RBBHASKAR		DOCUMENT NUMBER		
DIVISIONAL SYMBOLS	4 PLACES ±	±	APPR: RBBHASKAR		2152723007		
DIVISIONAL SYMBOLS	3 PLACES ±	±	INITIAL REVISION:		DOC TYPE		
DIVISIONAL SYMBOLS	2 PLACES ±	±	DRWN: RAVIKM		PSD		
DIVISIONAL SYMBOLS	1 PLACE ±	±	APPR: RBBHASKAR		DOC PART		
DIVISIONAL SYMBOLS	0 PLACES ±	±	SERIES		000		
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NUMBER		REVISION		
DIVISIONAL SYMBOLS	THIRD ANGLE PROJECTION		CUSTOMER		A		
DIVISIONAL SYMBOLS	DRAWING		SHEET NUMBER		1 OF 1		
DIVISIONAL SYMBOLS	A3-SIZE		215272				