



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 $\nabla_A = 0$ $\nabla_E = 0$ $\nabla_V = 0$ DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE mm NTS	CURRENT REV DESC:	
	GENERAL TOLERANCES (UNLESS SPECIFIED)	EC NO: 657230	2021/03/04	
	ANGULAR TOL ± °	DRWN: RAVIKM	2021/03/05	
	4 PLACES ±	CHK'D: RBBHASKAR	2021/03/05	
3 PLACES ±	APPR: RBBHASKAR	2021/03/05	INITIAL REVISION:	
2 PLACES ±	DRWN: RAVIKM	2021/03/04	DRWN: RAVIKM	
1 PLACE ±	APPR: RBBHASKAR	2021/03/05	APPR: RBBHASKAR	
0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	
			SERIES	
			MATERIAL NUMBER	
			CUSTOMER	
			SHEET NUMBER	