



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

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

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	SCALE mm NTS	CURRENT REV DESC:	molex
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °	EC NO: 657230 DRWN: RAVIKM CHK'D: RBBHASKAR APPR: RBBHASKAR	2021/03/04 2021/03/05 2021/03/05	
DIVISIONAL SYMBOLS		4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ±	INITIAL REVISION: DRWN: RAVIKM APPR: RBBHASKAR	PRODUCT CUSTOMER DRAWING
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION DRAWING SERIES A3-SIZE 215270	DOCUMENT NUMBER 2152703605
				DOC TYPE PSD
				DOC PART 000
				REVISION A
				MATERIAL NUMBER 2152703605
				CUSTOMER OTS
				SHEET NUMBER 1 OF 1