



NOTES:

1. RESISTANCE @ 25°C : 47KΩ±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	1458	1525	1595	50	16.56	16.9	17.24
-35	1062	1107	1154	55	13.69	14	14.31
-30	782.1	812.9	844.8	60	11.38	11.65	11.94
-25	581.6	602.7	624.4	65	9.501	9.749	10
-20	436.6	451	466	70	7.969	8.191	8.419
-15	329.8	339.8	350.1	75	6.713	6.912	7.116
-10	251.4	258.3	265.4	80	5.679	5.857	6.04
-5	193.3	198.1	203	85	4.824	4.983	5.147
0	149.8	153.1	156.5	90	4.114	4.256	4.403
5	116.9	119.1	121.5	95	3.521	3.648	3.78
10	91.850	93.420	95.010	100	3.024	3.138	3.257
15	72.730	73.800	74.870	105	2.606	2.709	2.815
20	57.980	58.700	59.420	110	2.253	2.345	2.441
25	46.530	47.000	47.470	115	1.955	2.037	2.123
30	37.410	37.870	38.330	120	1.7	1.775	1.852
35	30.260	30.700	31.140	125	1.484	1.551	1.62
40	24.620	25.020	25.430	130	1.268	1.327	1.388
45	20.140	20.510	20.890	135	1.052	1.103	1.156

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	2021/03/04		
DIVISIONAL SYMBOLS	4 PLACES ±	DRWN: RAVIKM	2021/03/05		PRODUCT CUSTOMER DRAWING
	3 PLACES ±	CHK'D: RBBHASKAR	2021/03/05		
	2 PLACES ±	APPR: RBBHASKAR	2021/03/05		DOCUMENT NUMBER
	1 PLACE ±	INITIAL REVISION:			2152723907
	0 PLACES ±	DRWN: RAVIKM	2021/03/04		DOC TYPE
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPR: RBBHASKAR	2021/03/05		PSD
	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		A3-SIZE	215272	2152723907	OTS
					DOC PART
					000
					REVISION
					A
					SHEET NUMBER
					1 OF 1