



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	291.2	304.4	318.1	50	3.49	3.561	3.634
-35	213.6	222.6	231.9	55	2.879	2.944	3.01
-30	158.3	164.4	170.8	60	2.388	2.446	2.505
-25	118.4	122.6	127	65	1.989	2.041	2.095
-20	89.39	92.32	95.34	70	1.664	1.711	1.759
-15	68.17	70.21	72.31	75	1.399	1.44	1.483
-10	52.38	53.81	55.27	80	1.18	1.217	1.256
-5	40.53	41.53	42.55	85	1.001	1.034	1.069
0	31.58	32.27	32.98	90	0.853	0.882	0.913
5	24.72	25.2	25.69	95	0.729	0.756	0.783
10	19.48	19.82	20.15	100	0.625	0.649	0.674
15	15.46	15.68	15.91	105	0.539	0.56	0.582
20	12.33	12.49	12.64	110	0.465	0.484	0.504
25	9.9	10	10.1	115	0.403	0.42	0.438
30	7.955	8.053	8.151	120	0.351	0.366	0.382
35	6.427	6.52	6.613	125	0.306	0.32	0.334
40	5.218	5.304	5.392	130	0.261	0.274	0.286
45	4.257	4.337	4.417	135	0.216	0.228	0.238

NOTES:

1. RESISTANCE @ 25°C : 10KΩ±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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
FUNCTIONAL SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:								
▽A = 0	mm	NTS	<p>molex</p> <p>NTC EPOXY - 3892 100MM 10K1%</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: 2152723607 DOC TYPE: PSD DOC PART: 000 REVISION: A</p> <p>SHEET NUMBER: 1 OF 1</p>								
▽E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)										
▽F = 0	ANGULAR TOL ± °										
DIVISIONAL SYMBOLS	4 PLACES	±									
	3 PLACES	±									
	2 PLACES	±	<p>EC NO: 657230 2021/03/03</p> <p>DRWN: RAVIKM 2021/03/05</p> <p>CHK'D: RBBHASKAR 2021/03/05</p> <p>APPR: RBBHASKAR</p> <p>INITIAL REVISION:</p> <p>DRWN: RAVIKM 2021/03/03</p> <p>APPR: RBBHASKAR 2021/03/05</p>								
	1 PLACE	±	<p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p> <p>THIRD ANGLE PROJECTION</p> <p>DRAWING: A3-SIZE SERIES: 215272 MATERIAL NUMBER: 2152723607 CUSTOMER: OTS</p>								