



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	88.25	92.25	96.41	50	1.056	1.078	1.1
-35	65.3	68.05	70.91	55	0.874	0.893	0.913
-30	48.72	50.62	52.59	60	0.727	0.744	0.762
-25	36.63	37.95	39.32	65	0.607	0.623	0.639
-20	27.74	28.66	29.61	70	0.51	0.524	0.539
-15	20.99	21.62	22.27	75	0.43	0.443	0.456
-10	16.01	16.45	16.9	80	0.364	0.376	0.388
-5	12.32	12.63	12.94	85	0.31	0.321	0.331
0	9.555	9.766	9.981	90	0.265	0.275	0.284
5	7.455	7.601	7.749	95	0.228	0.236	0.245
10	5.862	5.962	6.063	100	0.196	0.204	0.211
15	4.642	4.71	4.778	105	0.17	0.177	0.183
20	3.701	3.747	3.793	110	0.147	0.153	0.16
25	2.97	3	3.03	115	0.128	0.134	0.139
30	2.388	2.417	2.447	120	0.112	0.117	0.122
35	1.931	1.959	1.987	125	0.098	0.103	0.107
40	1.571	1.597	1.623	130	0.083	0.093	0.092
45	1.285	1.308	1.333	135	0.068	0.083	0.077

NOTES:

1. RESISTANCE @ 25°C : $3\text{K}\Omega \pm 1\%$.
2. BETA VALUE (0/50°C) : $3892\text{K} \pm 1\%$.
3. OPERATING TEMPERATURE RANGE : -40°C TO +135°C.
4. DISSIPATION FACTOR : $1.5\text{mW}/^\circ\text{C}$
5. THERMAL TIME CONSTANT : LESS THAN 3SECONDS IN WATER
- 6.INSULATION RESISTANCE : $10\text{M}\Omega$ AT 100 VDC

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:				
	$\nabla/\text{A} = 0$ $\nabla/\text{E} = 0$ $\nabla/\text{V} = 0$	DIMENSION UNITS: mm SCALE: NTS					
DIVISIONAL SYMBOLS	ANGULAR TOL ± °		EC NO: 657230		NTC EPOXY - 3892 100MM 3K1% PRODUCT CUSTOMER DRAWING		
	4 PLACES ±	±	DRWN: RAVIKM	2021/03/04			
	3 PLACES ±	±	CHK'D: RBBHASKAR	2021/03/05			
	2 PLACES ±	±	APPR: RBBHASKAR	2021/03/05			
	1 PLACE ±	±	INITIAL REVISION:				
0 PLACES ±	±	DRWN: RAVIKM	2021/03/04	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A3-SIZE	215272	2152723307	OTS	1 OF 1