



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 : 3KΩ±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

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:		molex						
	△/A = 0	DIMENSION UNITS: mm						SCALE: NTS			
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 657230 DRWN: RAVIKM CHK'D: RBBHASKAR APPR: RBBHASKAR INITIAL REVISION: DRWN: RAVIKM APPR: RBBHASKAR		2021/03/04 2021/03/05 2021/03/05 2021/03/04 2021/03/05			PRODUCT CUSTOMER DRAWING			
	△/E = 0	ANGULAR TOL ± °									
	△/V = 0	4 PLACES ±									
		3 PLACES ±									
		2 PLACES ±									
	1 PLACE ±										
	0 PLACES ±										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION			
			A3-SIZE	215272	2152723307	PSD	000	A			