



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	345.30	361.50	378.50	50	3.377	3.448	3.520
-35	250.80	261.70	273.10	55	2.773	2.837	2.901
-30	183.80	191.30	199.00	60	2.289	2.346	2.404
-25	136.00	141.10	146.30	65	1.900	1.950	2.002
-20	101.50	104.90	108.50	70	1.584	1.629	1.676
-15	75.870	78.230	80.650	75	1.327	1.367	1.409
-10	57.250	58.860	60.520	80	1.117	1.153	1.190
-5	43.570	44.680	45.810	85	0.945	0.977	1.010
0	33.430	34.190	34.960	90	0.802	0.831	0.860
5	25.820	26.330	26.850	95	0.684	0.710	0.736
10	20.090	20.440	20.800	100	0.586	0.609	0.632
15	15.760	15.990	16.230	105	0.504	0.524	0.545
20	12.450	12.600	12.760	110	0.434	0.452	0.471
25	9.900	10.000	10.100	115	0.376	0.392	0.409
30	7.889	7.987	8.085	120	0.326	0.341	0.356
35	6.326	6.418	6.511	125	0.284	0.298	0.311
40	5.103	5.189	5.275	130	0.242	0.255	0.266
45	4.140	4.218	4.297	135	0.200	0.212	0.221

NOTES:

1. RESISTANCE @ 25°C : 10KΩ±1%
2. BETA VALUE (0/50°C) : 4035K±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		
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
FUNCTIONAL SYMBOLS	mm	NTS	EC NO: 657230		NTC EPOXY - 4035 100MM 10K 1%		
FUNCTIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: RAVIKM		2021/03/04		
FUNCTIONAL SYMBOLS	ANGULAR TOL ± °		CHK'D: RBBHASKAR		2021/03/05		
DIVISIONAL SYMBOLS	4 PLACES	±	APPR: RBBHASKAR		2021/03/05		
DIVISIONAL SYMBOLS	3 PLACES	±	INITIAL REVISION:		DOCUMENT NUMBER		
DIVISIONAL SYMBOLS	2 PLACES	±	DRWN: RAVIKM		2152793607		DOC TYPE
DIVISIONAL SYMBOLS	1 PLACE	±	APPR: RBBHASKAR		2021/03/04		DOC PART
DIVISIONAL SYMBOLS	0 PLACES	±	THIRD ANGLE PROJECTION		2021/03/05		REVISION
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING		SERIES		MATERIAL NUMBER
DIVISIONAL SYMBOLS	THIRD ANGLE PROJECTION		A3-SIZE		215279		CUSTOMER
DIVISIONAL SYMBOLS	THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER
DIVISIONAL SYMBOLS	THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER