



**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:		<b>molex</b>																																									
	<table border="1"> <tr><td>FUNCTIONAL SYMBOLS</td><td>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr> <tr><td>▽/A = 0</td><td>mm NTS</td></tr> <tr><td>▽/E = 0</td><td>GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr> <tr><td>▽/V = 0</td><td>ANGULAR TOL ± °</td></tr> <tr><td>DIVISIONAL SYMBOLS</td><td>4 PLACES ±</td></tr> <tr><td></td><td>3 PLACES ±</td></tr> <tr><td></td><td>2 PLACES ±</td></tr> <tr><td></td><td>1 PLACE ±</td></tr> <tr><td></td><td>0 PLACES ±</td></tr> <tr><td></td><td>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td></tr> </table>	FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		▽/A = 0	mm NTS	▽/E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	▽/V = 0	ANGULAR TOL ± °	DIVISIONAL SYMBOLS	4 PLACES ±		3 PLACES ±		2 PLACES ±		1 PLACE ±		0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	<table border="1"> <tr><td>EC NO: 657230</td><td>2021/03/04</td></tr> <tr><td>DRWN: RAVIKM</td><td>2021/03/05</td></tr> <tr><td>CHK'D: RBBHASKAR</td><td>2021/03/05</td></tr> <tr><td>APPR: RBBHASKAR</td><td>2021/03/05</td></tr> <tr><td>INITIAL REVISION:</td><td></td></tr> <tr><td>DRWN: RAVIKM</td><td>2021/03/04</td></tr> <tr><td>APPR: RBBHASKAR</td><td>2021/03/05</td></tr> </table>		EC NO: 657230	2021/03/04	DRWN: RAVIKM	2021/03/05	CHK'D: RBBHASKAR	2021/03/05	APPR: RBBHASKAR	2021/03/05	INITIAL REVISION:		DRWN: RAVIKM	2021/03/04	APPR: RBBHASKAR	2021/03/05	<table border="1"> <tr><td>DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr> <tr><td>2152793607</td><td>PSD</td><td>000</td><td>A</td></tr> </table>	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	2152793607	PSD
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																												
▽/A = 0	mm NTS																																												
▽/E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)																																												
▽/V = 0	ANGULAR TOL ± °																																												
DIVISIONAL SYMBOLS	4 PLACES ±																																												
	3 PLACES ±																																												
	2 PLACES ±																																												
	1 PLACE ±																																												
	0 PLACES ±																																												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																																												
EC NO: 657230	2021/03/04																																												
DRWN: RAVIKM	2021/03/05																																												
CHK'D: RBBHASKAR	2021/03/05																																												
APPR: RBBHASKAR	2021/03/05																																												
INITIAL REVISION:																																													
DRWN: RAVIKM	2021/03/04																																												
APPR: RBBHASKAR	2021/03/05																																												
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION																																										
2152793607	PSD	000	A																																										
<table border="1"> <tr><td>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td>THIRD ANGLE PROJECTION</td><td>DRAWING</td><td>SERIES</td><td>MATERIAL NUMBER</td><td>CUSTOMER</td><td>SHEET NUMBER</td></tr> <tr><td></td><td>⊕</td><td>A3-SIZE</td><td>215279</td><td>2152793607</td><td>OTS</td><td>1 OF 1</td></tr> </table>		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		⊕	A3-SIZE	215279	2152793607	OTS	1 OF 1																														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER																																							
	⊕	A3-SIZE	215279	2152793607	OTS	1 OF 1																																							