

NOTES:


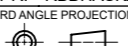
1. RESISTANCE @ 25°C : 10KΩ ± 1%
2. BETA VALUE (0/50°C) : 4035K ± 1%
3. OPERATING TEMPERATURE RANGE : -40°C TO +250°C.
4. THERMAL TIME CONSTANT : 15SEC IN WATER
5. VOLTAGE BREAKDOWN STRENGTH : 1500V AC FOR 3SEC.
6. INSULATION RESISTANCE : A MINIMUM OF 100MΩ @ 500VOLTS DC.
7. DISSIPATION FACTOR : 1mW/°C.
8. LASER MARKING "MOLEX-DATE CODE(MM/YY)" & "XXK(R25-value) XXXX(B-value)"

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
	DIMENSION UNITS	SCALE	CURRENT REV DESC:					
$\nabla_A = 0$	mm	NTS	<p>molex</p> <p>GLASS NTC PROBE A -10K±1%,B4035,L300</p> <p>PRODUCT CUSTOMER DRAWING</p>					
$\nabla_F = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)							
$\nabla_E = 0$	ANGULAR TOL ± °							
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 733229					
	3 PLACES	±	DRWN: NANDAK 2022/12/23					
	2 PLACES	±	CHK'D: RBBHASKAR 2022/12/23					
	1 PLACE	±	APPR: RBBHASKAR 2022/12/23					
	0 PLACES	±	INITIAL REVISION:					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			<p>DRWN: RAVIKM 2022/01/28</p> <p>APPR: RBBHASKAR 2022/02/18</p>					
THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	DOC TYPE	DOC PART	REVISION
		A3-SIZE	218537	2185373609	GENERAL MARKET	PSD	000	A3
DOCUMENT STATUS			RELEASE DATE	SHEET NUMBER				
P1			2022/12/23 09:53:36	1 OF 2				

RESISTANCE VS TEMPERATURE CHARACTERISTICS

TEMP(□)	Rmin(KΩ)	Rnom(KΩ)	Rmax(KΩ)
-40	404.234	385.875	368.312
-35	286.476	274.399	262.804
-30	205.489	197.475	189.754
-25	149.092	143.733	138.553
-20	109.351	105.744	102.246
-15	81.031	78.591	76.217
-10	60.634	58.978	57.360
-05	45.795	44.668	43.564
00	34.895	34.128	33.374
05	26.815	26.293	25.779
10	20.772	20.420	20.071
15	16.216	15.978	15.746
20	12.753	12.597	12.442
25	10.100	10.000	9.900
30	8.090	7.992	7.894
35	6.522	6.429	6.336
40	5.290	5.203	5.117
45	4.316	4.237	4.158
50	3.542	3.469	3.398
55	2.922	2.857	2.793
60	2.424	2.365	2.308
65	2.021	1.969	1.917
70	1.694	1.647	1.600
75	1.426	1.384	1.343
80	1.206	1.168	1.132
85	1.025	0.991	0.958
90	0.8742	0.8444	0.8156
95	0.7492	0.7225	0.6968
100	0.6447	0.6208	0.5978
105	0.5570	0.5356	0.5150
110	0.4832	0.4639	0.4454
115	0.4207	0.4034	0.3867
120	0.3676	0.3520	0.3370
125	0.3225	0.3083	0.2948
130	0.2838	0.2711	0.2588
135	0.2507	0.2391	0.2280
140	0.2221	0.2116	0.2016
145	0.1975	0.1879	0.1788
150	0.1762	0.1674	0.1591

TEMP(□)	Rmin(KΩ)	Rnom(KΩ)	Rmax(KΩ)
155	0.1576	0.1497	0.1421
160	0.1415	0.1342	0.1272
165	0.1274	0.1207	0.1143
170	0.1150	0.1088	0.1030
175	0.1041	0.0985	0.0931
180	0.0946	0.0893	0.0844
185	0.0861	0.0813	0.0767
190	0.0787	0.0741	0.0699
195	0.0720	0.0678	0.0639
200	0.0661	0.0622	0.0585
205	0.0609	0.0572	0.0538
210	0.0562	0.0528	0.0496
215	0.0520	0.0488	0.0458
220	0.0482	0.0452	0.0424
225	0.0448	0.0420	0.0394
230	0.0418	0.0391	0.0366
235	0.0390	0.0365	0.0342
240	0.0365	0.0342	0.0320
245	0.0343	0.0321	0.0300
250	0.0323	0.0301	0.0282

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	DIMENSION UNITS	SCALE	EC NO: 733229		
	mm	NTS	DRWN: NANDAK	2022/12/23	
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: RBBHASKAR	2022/12/23	
ANGULAR TOL ± °		APPR: RBBHASKAR	2022/12/23	DOCUMENT NUMBER	
4 PLACES ±		INITIAL REVISION:		2185373609	DOC TYPE
3 PLACES ±		DRWN: RAVIKM	2022/01/28	PSD	DOC PART
2 PLACES ±		APPR: RBBHASKAR	2022/02/18	000	REVISION
1 PLACE ±		MATERIAL NUMBER		A3	
0 PLACES ±		CUSTOMER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SHEET NUMBER	
			A3-SIZE	2 OF 2	
		SERIES	MATERIAL NUMBER	CUSTOMER	
		218537	2185373609	GENERAL MARKET	