

NOTES:


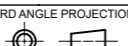
1. RESISTANCE @ 25°C : 10KΩ ± 1%
2. BETA VALUE (0/50°C) : 4035K ± 1%
3. OPERATING TEMPERATURE RANGE : -40°C TO +250°C.
4. THERMAL TIME CONSTANT : 15SEC IN WATER
5. VOLTAGE BREAKDOWN STRENGTH : 1500V AC FOR 3SEC.
6. INSULATION RESISTANCE : A MINIMUM OF 100MΩ @ 500VOLTS DC.
7. DISSIPATION FACTOR : 1mW/°C.
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		
	△/A = 0	mm	NTS
DIVISIONAL SYMBOLS	CURRENT REV DESC:		
	△/E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
DIVISIONAL SYMBOLS	△/F = 0	ANGULAR TOL ± °	
	4 PLACES	±	
	3 PLACES	±	
	2 PLACES	±	
	1 PLACE	±	
0 PLACES	±		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
			A3-SIZE
		SERIES	218537
		MATERIAL NUMBER	2185373607
		CUSTOMER	GENERAL MARKET
		DOCUMENT NUMBER	2185373607
		DOC TYPE	PSD
		DOC PART	000
		REVISION	A3
		SHEET NUMBER	
		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

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
$\nabla_A = 0$	mm	NTS
$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)	
$\nabla_V = 0$	ANGULAR TOL ± °	
DIVISIONAL SYMBOLS	4 PLACES	±
	3 PLACES	±
	2 PLACES	±
	1 PLACE	±
	0 PLACES	±
CURRENT REV DESC:		 GLASS NTC PROBE A -10K±1%,B4035,L100 PRODUCT CUSTOMER DRAWING
EC NO: 733229	2022/12/23	
DRWN: NANDAK	2022/12/23	
CHK'D: RBBHASKAR	2022/12/23	
APPR: RBBHASKAR	2022/12/23	DOCUMENT NUMBER 2185373607
INITIAL REVISION:		
DRWN: RAVIKM	2022/01/28	DOC TYPE
APPR: RBBHASKAR	2022/02/18	DOC PART
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		REVISION
THIRD ANGLE PROJECTION	DRAWING	SHEET NUMBER
	A3-SIZE	2 OF 2
SERIES	MATERIAL NUMBER	CUSTOMER
218537	2185373607	GENERAL MARKET