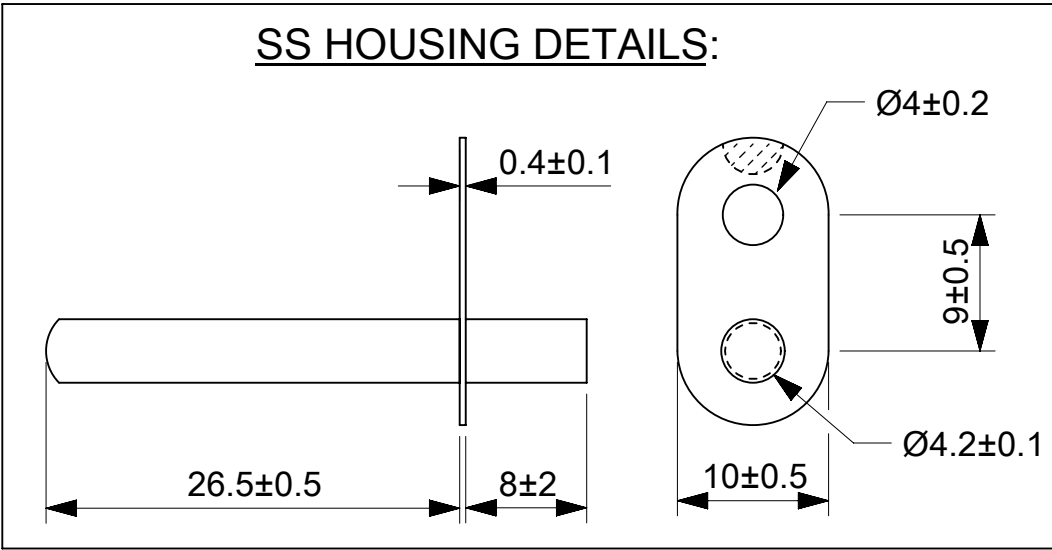
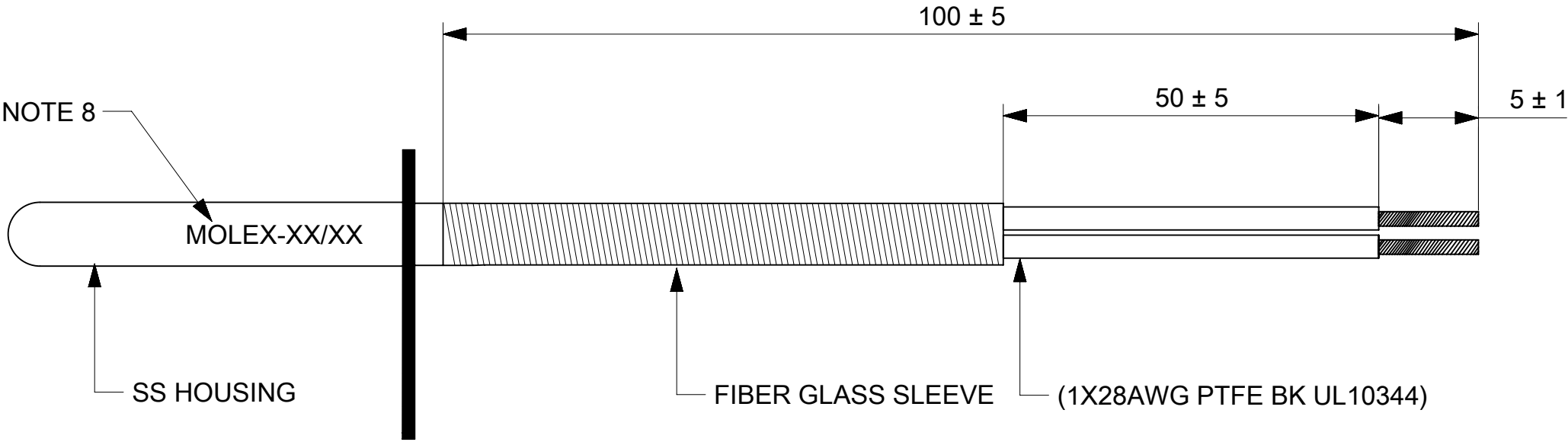


NOTES:

- RESISTANCE @ 25°C : 50KΩ ± 1%
- BETA VALUE (0/50°C) : 3892K ± 1%
- OPERATING TEMPERATURE RANGE : -40°C TO +250°C.
- THERMAL TIME CONSTANT : 15SEC IN WATER
- VOLTAGE BREAKDOWN STRENGTH : 1500V AC FOR 3SEC.
- INSULATION RESISTANCE : A MINIMUM OF 100MΩ @ 500VOLTS DC.
- DISSIPATION FACTOR : 1mW/°C.
- LASER MARKING "MOLEX-DATE CODE(MM/YY)"



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
FA = 0 FE = 0 FE = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex							
	mm		NTS												
	DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 721031 DRWN: NANDAK 2022/09/13 CHK'D: RBBHASKAR 2022/09/15 APPR: RBBHASKAR 2022/09/15			GLASS NTC MOUNTING -50K±1%,B3892,L100						
ANGULAR TOL ± °															
4 PLACES		±		PRODUCT CUSTOMER DRAWING											
3 PLACES		±													
2 PLACES		±		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION					
1 PLACE		±		2185353917		PSD		000		B2					
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		218535		2185353917		GENERAL MARKET		1 OF 2	

10	9	8	7	6	5	4	3	2	1										
RESISTANCE VS TEMPERATURE CHARACTERISTICS																			
TEMP(°C)	Rmin(KΩ)	Rnom(KΩ)	Rmax(KΩ)	TEMP(°C)	Rmin(KΩ)	Rnom(KΩ)	Rmax(KΩ)												
-40	1780.839	1702.092	1626.665	155	0.8107	0.7699	0.7310												
-35	1274.708	1222.382	1172.086	160	0.7219	0.6848	0.6495												
-30	923.667	888.581	854.741	165	0.6444	0.6105	0.5783												
-25	677.059	653.346	630.4	170	0.5764	0.5455	0.5162												
-20	501.713	485.581	469.919	175	0.5167	0.4884	0.4617												
-15	375.61	364.576	353.829	180	0.4641	0.4383	0.4138												
-10	283.94	276.363	268.961	185	0.4178	0.3941	0.3717												
-05	216.619	211.404	206.293	190	0.3768	0.3551	0.3345												
00	166.7	163.109	159.579	195	0.3405	0.3205	0.3017												
05	129.344	126.876	124.443	200	0.3082	0.2899	0.2726												
10	101.147	99.459	97.789	205	0.2796	0.2626	0.2467												
15	79.686	78.542	77.405	210	0.2540	0.2384	0.2237												
20	63.224	62.458	61.696	215	0.2312	0.2168	0.2032												
25	50.5	50	49.5	220	0.2108	0.1974	0.1849												
30	40.773	40.282	39.792	225	0.1925	0.1801	0.1686												
35	33.117	32.649	32.185	230	0.1760	0.1646	0.1539												
40	27.053	26.616	26.184	235	0.1613	0.1507	0.1408												
45	22.22	21.818	21.421	240	0.1480	0.1381	0.1289												
50	18.346	17.98	17.618	245	0.1360	0.1268	0.1183												
55	15.224	14.892	14.564	250	0.1251	0.1166	0.1086												
60	12.693	12.393	12.099																
65	10.633	10.363	10.098																
70	8.946	8.703	8.466																
75	7.558	7.341	7.129																
80	6.412	6.217	6.028																
85	5.461	5.286	5.117																
90	4.668	4.512	4.36																
95	4.006	3.865	3.729																
100	3.449	3.323	3.201																
105	2.979	2.867	2.757																
110	2.582	2.481	2.383																
115	2.245	2.154	2.066																
120	1.958	1.876	1.796																
125	1.712	1.638	1.567																
130	1.5016	1.4349	1.371																
135	1.3207	1.2603	1.2026																
140	1.1646	1.11	1.0578																
145	1.0296	0.9801	0.9329																
150	0.9125	0.8676	0.8248																
<table><tr><td>DOCUMENT STATUS</td><td>P1</td><td>RELEASE DATE</td><td>2022/09/15</td><td>09:59:09</td></tr></table>										DOCUMENT STATUS	P1	RELEASE DATE	2022/09/15	09:59:09					
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<table><tr><td></td><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td><td>2</td><td>1</td></tr></table>											9	8	7	6	5	4	3	2	1
	9	8	7	6	5	4	3	2	1										

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
	 A = 0	mm NTS
	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	ANGULAR TOL	± °
	4 PLACES	±
	3 PLACES	±
	2 PLACES	±
	1 PLACE	±
	0 PLACES	±
DIVISIONAL SYMBOLS	CURRENT REV DESC:	
		
	GLASS NTC MOUNTING -50K±1%,B3892,L100	
	PRODUCT CUSTOMER DRAWING	
	INITIAL REVISION:	
	DRWN: RAVIKM 2022/01/28	
	APPR: RBBHASKAR 2022/02/10	
	EC NO: 721031	
	DRWN: NANDAK 2022/09/13	
	CHK'D: RBBHASKAR 2022/09/15	
	APPR: RBBHASKAR 2022/09/15	
	THIRD ANGLE PROJECTION	
	DRAWING	
	SERIES	
	MATERIAL NUMBER	
	CUSTOMER	
	SHEET NUMBER	