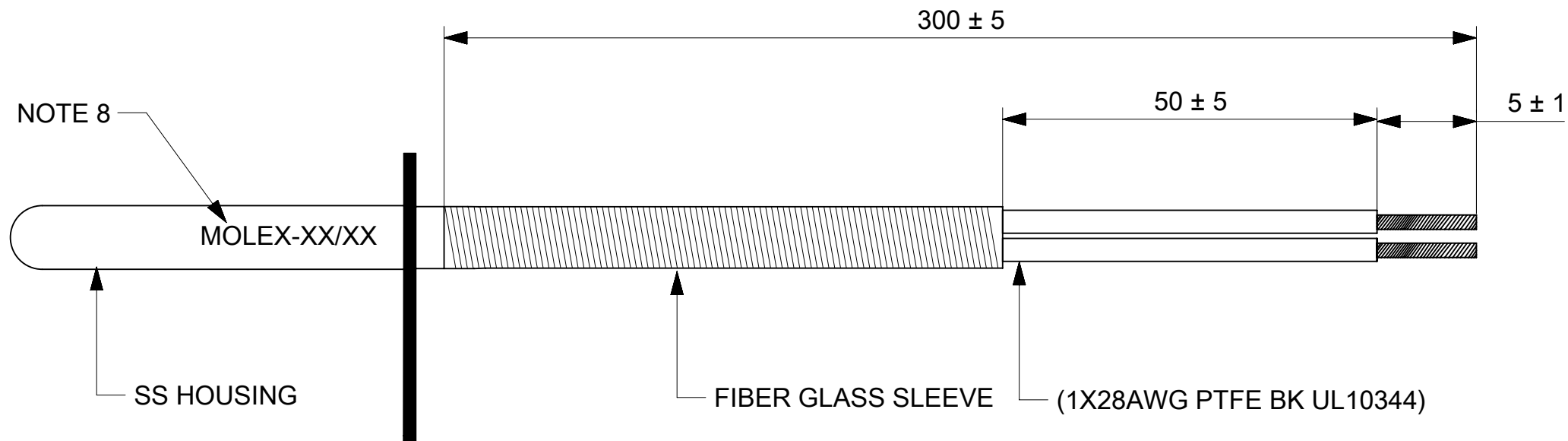
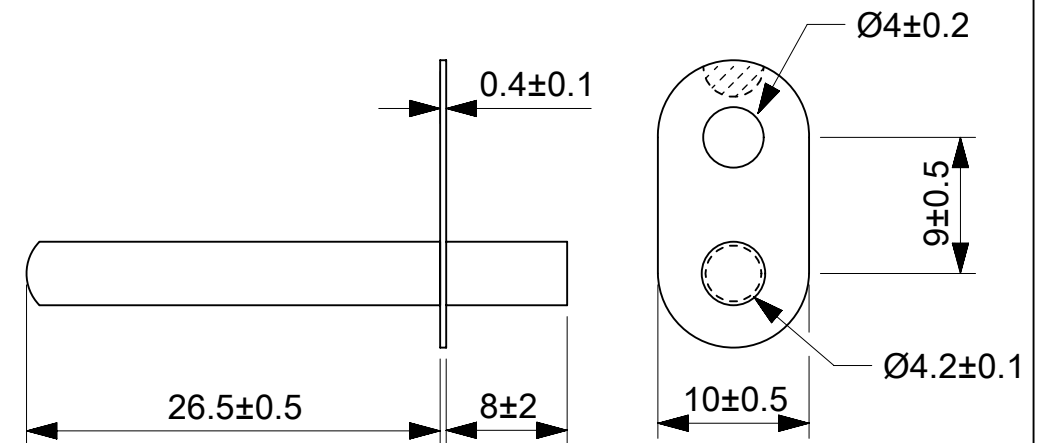




NOTES:

1. RESISTANCE @ 25°C : 50KΩ ± 1%
2. BETA VALUE (0/50°C) : 3892K ± 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)"

SS HOUSING DETAILS:



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:			molex			
	mm	NTS								
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 721031 DRWN: NANDAK2022/09/13 CHK'D: RBBHASKAR2022/09/15 APPR: RBBHASKAR2022/09/15			GLASS NTC MOUNTING -50K±1%,B3892,L300				
	ANGULAR TOL ± °									
	4 PLACES	±								
DIVISIONAL SYMBOLS	3 PLACES	±	INITIAL REVISION: DRWN: RAVIKM2022/01/28 APPR: RBBHASKAR2022/02/10			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	2 PLACES	±				2185353919		PSD	000	B2
	1 PLACE	±								
	0 PLACES	±								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				A3-SIZE	218535	2185858919		GENERAL MARKET		1 OF 2

10	9	8	7	6	5	4	3	2	1					
RESISTANCE VS TEMPERATURE CHARACTERISTICS														
TEMP(□)	Rmin(KΩ)	Rnom(KΩ)	Rmax(KΩ)	TEMP(□)	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
DOCUMENT STATUS	P1	RELEASE DATE	2022/09/15	09:59:09										
10	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		CURRENT REV DESC:					molex				
	mm		NTS											
	GENERAL TOLERANCES (UNLESS SPECIFIED)													
	ANGULAR TOL		± °		EC NO: 721031 DRWN: NANDAK 2022/09/13 CHK'D: RBBHASKAR 2022/09/15 APPR: RBBHASKAR 2022/09/15					PRODUCT CUSTOMER DRAWING				
	4 PLACES		±											
	3 PLACES		±											
	2 PLACES		±											
	1 PLACE		±											
	DIVISIONAL SYMBOLS	0 PLACES		±		INITIAL REVISION: DRWN: RAVIKM 2022/01/28 APPR: RBBHASKAR 2022/02/10					DOCUMENT NUMBER		DOC TYPE	DOC PART
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING							SERIES		MATERIAL NUMBER	
				A3-SIZE		218535		2185353919		GENERAL MARKET		2 OF 2		

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 GLASS NTC MOUNTING -50K±1%,B3892,L300							
		mm	NTS												
		GENERAL TOLERANCES (UNLESS SPECIFIED)													
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	DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 721031 DRWN: NANDAK 2022/09/13 CHK'D: RBBHASKAR 2022/09/15 APPR: RBBHASKAR 2022/09/15				PRODUCT CUSTOMER DRAWING							
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		0 PLACES	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER				
				A3-SIZE	218535	2185353919	GENERAL MARKET	2 OF 2							