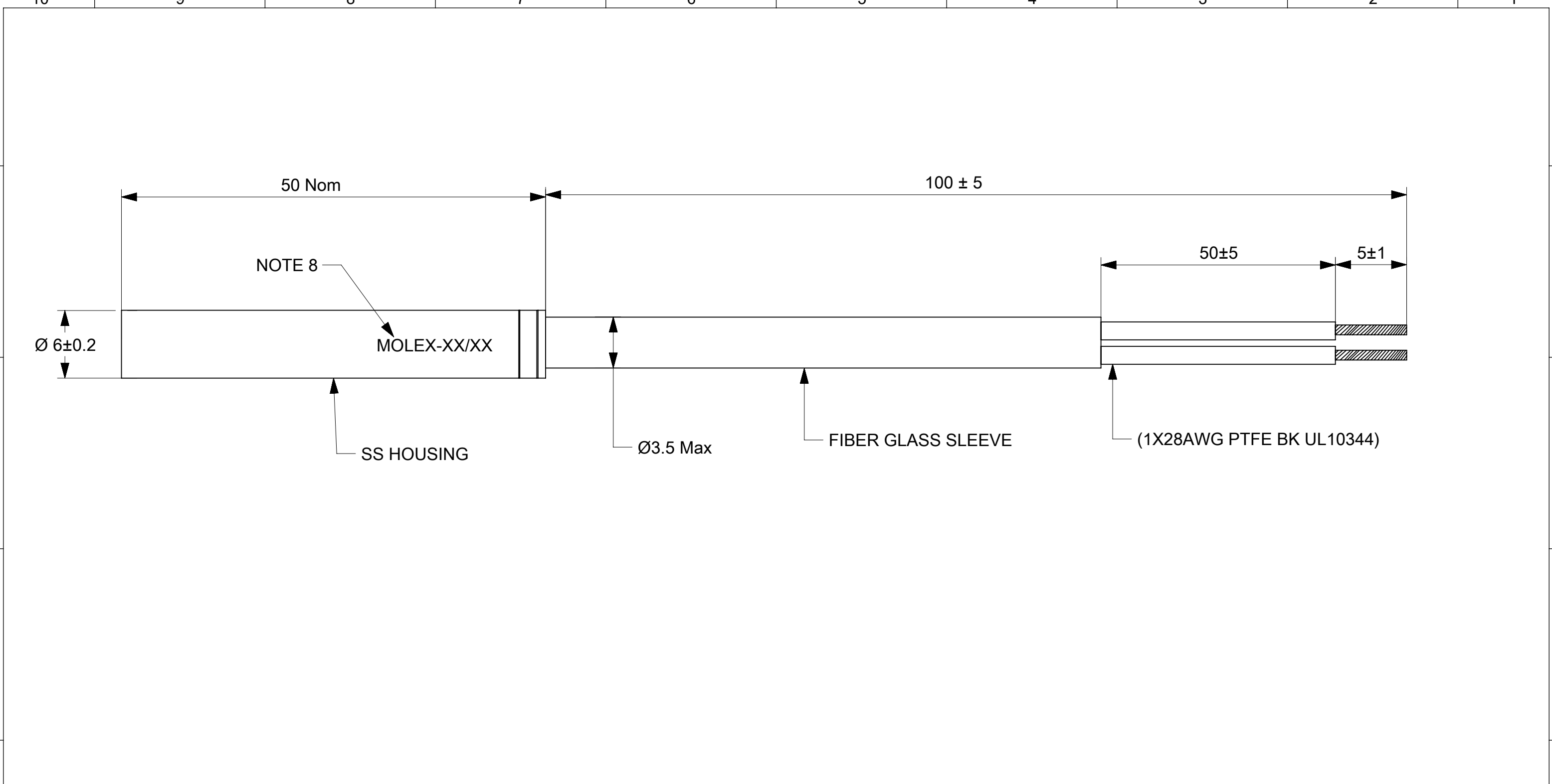




- NOTES:**
- 1. RESISTANCE @ 25°C : 50KΩ ± 1%
 - 2. BETA VALUE (0/50°C) : 3892K ± 1%
 - 3. OPERATING TEMPERATURE RANGE : -40°C TO +250°C.
 - 4. THERMAL TIME CONSTANT : 15SEC IN WATER
 - 5. VOLTAGE BREAKDOWN STRENGTH : 1500V AC FOR 3SEC.
 - 6. INSULATION RESISTANCE : A MINIMUM OF 100MΩ @ 500VOLTS DC.
 - 7. DISSIPATION FACTOR : 1mW/°C.

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)								GLASS NTC PROBE A -50K±1%,B3892,L100						
DIVISIONAL SYMBOLS	ANGULAR TOL ± °				EC NO: 718518 DRWN: NANDAK 2022/08/04 CHK'D: RBBHASKAR 2022/08/24 APPR: RBBHASKAR 2022/08/24				PRODUCT CUSTOMER DRAWING						
	4 PLACES ±														
	3 PLACES ±														
	2 PLACES ±				INITIAL REVISION: DRWN: RAVIKM 2022/01/28 APPR: RBBHASKAR 2022/02/18				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
	1 PLACE ±								2185353907		PSD	000	A1		
	0 PLACES ±														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		218535		2185353907		GENERAL MARKET		1 OF 2	

10	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																				
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<table><tr><td>TEMP(□)</td><td>Rmin(KΩ)</td><td>Rnom(KΩ)</td><td>Rmax(KΩ)</td></tr><tr><td>-40</td><td>1780.839</td><td>1702.092</td><td>1626.665</td></tr><tr><td>-35</td><td>1274.708</td><td>1222.382</td><td>1172.086</td></tr><tr><td>-30</td><td>923.667</td><td>888.581</td><td>854.741</td></tr><tr><td>-25</td><td>677.059</td><td>653.346</td><td>630.4</td></tr><tr><td>-20</td><td>501.713</td><td>485.581</td><td>469.919</td></tr><tr><td>-15</td><td>375.61</td><td>364.576</td><td>353.829</td></tr><tr><td>-10</td><td>283.94</td><td>276.363</td><td>268.961</td></tr><tr><td>-05</td><td>216.619</td><td>211.404</td><td>206.293</td></tr><tr><td>00</td><td>166.7</td><td>163.109</td><td>159.579</td></tr><tr><td>05</td><td>129.344</td><td>126.876</td><td>124.443</td></tr><tr><td>10</td><td>101.147</td><td>99.459</td><td>97.789</td></tr><tr><td>15</td><td>79.686</td><td>78.542</td><td>77.405</td></tr><tr><td>20</td><td>63.224</td><td>62.458</td><td>61.696</td></tr><tr><td>25</td><td>50.5</td><td>50</td><td>49.5</td></tr><tr><td>30</td><td>40.773</td><td>40.282</td><td>39.792</td></tr><tr><td>35</td><td>33.117</td><td>32.649</td><td>32.185</td></tr><tr><td>40</td><td>27.053</td><td>26.616</td><td>26.184</td></tr><tr><td>45</td><td>22.22</td><td>21.818</td><td>21.421</td></tr><tr><td>50</td><td>18.346</td><td>17.98</td><td>17.618</td></tr><tr><td>55</td><td>15.224</td><td>14.892</td><td>14.564</td></tr><tr><td>60</td><td>12.693</td><td>12.393</td><td>12.099</td></tr><tr><td>65</td><td>10.633</td><td>10.363</td><td>10.098</td></tr><tr><td>70</td><td>8.946</td><td>8.703</td><td>8.466</td></tr><tr><td>75</td><td>7.558</td><td>7.341</td><td>7.129</td></tr><tr><td>80</td><td>6.412</td><td>6.217</td><td>6.028</td></tr><tr><td>85</td><td>5.461</td><td>5.286</td><td>5.117</td></tr><tr><td>90</td><td>4.668</td><td>4.512</td><td>4.36</td></tr><tr><td>95</td><td>4.006</td><td>3.865</td><td>3.729</td></tr><tr><td>100</td><td>3.449</td><td>3.323</td><td>3.201</td></tr><tr><td>105</td><td>2.979</td><td>2.867</td><td>2.757</td></tr><tr><td>110</td><td>2.582</td><td>2.481</td><td>2.383</td></tr><tr><td>115</td><td>2.245</td><td>2.154</td><td>2.066</td></tr><tr><td>120</td><td>1.958</td><td>1.876</td><td>1.796</td></tr><tr><td>125</td><td>1.712</td><td>1.638</td><td>1.567</td></tr><tr><td>130</td><td>1.5016</td><td>1.4349</td><td>1.371</td></tr><tr><td>135</td><td>1.3207</td><td>1.2603</td><td>1.2026</td></tr><tr><td>140</td><td>1.1646</td><td>1.11</td><td>1.0578</td></tr><tr><td>145</td><td>1.0296</td><td>0.9801</td><td>0.9329</td></tr><tr><td>150</td><td>0.9125</td><td>0.8676</td><td>0.8248</td></tr></table>				TEMP(□)	Rmin(KΩ)	Rnom(KΩ)	Rmax(KΩ)	-40	1780.839	1702.092	1626.665	-35	1274.708	1222.382	1172.086	-30	923.667	888.581	854.741	-25	677.059	653.346	630.4	-20	501.713	485.581	469.919	-15	375.61	364.576	353.829	-10	283.94	276.363	268.961	-05	216.619	211.404	206.293	00	166.7	163.109	159.579	05	129.344	126.876	124.443	10	101.147	99.459	97.789	15	79.686	78.542	77.405	20	63.224	62.458	61.696	25	50.5	50	49.5	30	40.773	40.282	39.792	35	33.117	32.649	32.185	40	27.053	26.616	26.184	45	22.22	21.818	21.421	50	18.346	17.98	17.618	55	15.224	14.892	14.564	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>TEMP(□)</td><td>Rmin(KΩ)</td><td>Rnom(KΩ)</td><td>Rmax(KΩ)</td></tr><tr><td>155</td><td>0.8107</td><td>0.7699</td><td>0.7310</td></tr><tr><td>160</td><td>0.7219</td><td>0.6848</td><td>0.6495</td></tr><tr><td>165</td><td>0.6444</td><td>0.6105</td><td>0.5783</td></tr><tr><td>170</td><td>0.5764</td><td>0.5455</td><td>0.5162</td></tr><tr><td>175</td><td>0.5167</td><td>0.4884</td><td>0.4617</td></tr><tr><td>180</td><td>0.4641</td><td>0.4383</td><td>0.4138</td></tr><tr><td>185</td><td>0.4178</td><td>0.3941</td><td>0.3717</td></tr><tr><td>190</td><td>0.3768</td><td>0.3551</td><td>0.3345</td></tr><tr><td>195</td><td>0.3405</td><td>0.3205</td><td>0.3017</td></tr><tr><td>200</td><td>0.3082</td><td>0.2899</td><td>0.2726</td></tr><tr><td>205</td><td>0.2796</td><td>0.2626</td><td>0.2467</td></tr><tr><td>210</td><td>0.2540</td><td>0.2384</td><td>0.2237</td></tr><tr><td>215</td><td>0.2312</td><td>0.2168</td><td>0.2032</td></tr><tr><td>220</td><td>0.2108</td><td>0.1974</td><td>0.1849</td></tr><tr><td>225</td><td>0.1925</td><td>0.1801</td><td>0.1686</td></tr><tr><td>230</td><td>0.1760</td><td>0.1646</td><td>0.1539</td></tr><tr><td>235</td><td>0.1613</td><td>0.1507</td><td>0.1408</td></tr><tr><td>240</td><td>0.1480</td><td>0.1381</td><td>0.1289</td></tr><tr><td>245</td><td>0.1360</td><td>0.1268</td><td>0.1183</td></tr><tr><td>250</td><td>0.1251</td><td>0.1166</td><td>0.1086</td></tr></table>						TEMP(□)	Rmin(KΩ)	Rnom(KΩ)	Rmax(KΩ)	155	0.8107	0.7699	0.7310	160	0.7219	0.6848	0.6495	165	0.6444	0.6105	0.5783	170	0.5764	0.5455	0.5162	175	0.5167	0.4884	0.4617	180	0.4641	0.4383	0.4138	185	0.4178	0.3941	0.3717	190	0.3768	0.3551	0.3345	195	0.3405	0.3205	0.3017	200	0.3082	0.2899	0.2726	205	0.2796	0.2626	0.2467	210	0.2540	0.2384	0.2237	215	0.2312	0.2168	0.2032	220	0.2108	0.1974	0.1849	225	0.1925	0.1801	0.1686	230	0.1760	0.1646	0.1539	235	0.1613	0.1507	0.1408	240	0.1480	0.1381	0.1289	245	0.1360	0.1268	0.1183	250	0.1251	0.1166	0.1086
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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																																																																																																																																																																																																																																																										
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FUNCTIONAL SYMBOLS FA= 0 FE= 0 FE= 0 DIVISIONAL 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: 718518 DRWN: NANDAK 2022/08/04 CHK'D: RBBHASKAR 2022/08/24 APPR: RBBHASKAR 2022/08/24					GLASS NTC PROBE A -50K±1%,B3892,L100				
	4 PLACES		±											
	3 PLACES		±											
	2 PLACES		±											
	1 PLACE		±		INITIAL REVISION: DRWN: RAVIKM 2022/01/28 APPR: RBBHASKAR 2022/02/18					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	0 PLACES		±							2185353907		PSD	000	A1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						A3-SIZE	218535	2185353907		GENERAL MARKET		2 OF 2		