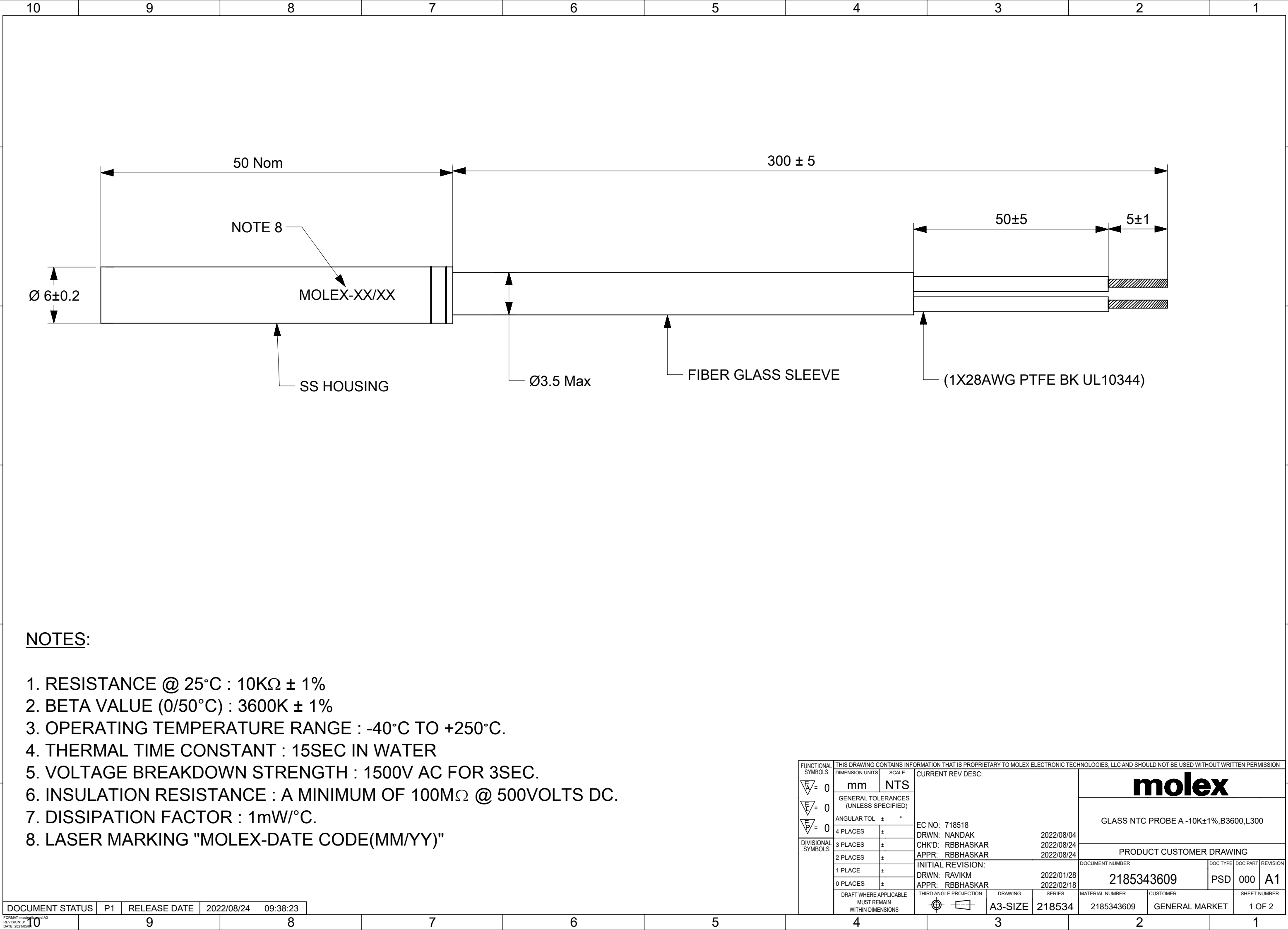




NOTES:

- 1. RESISTANCE @ 25°C : 10KΩ ± 1%
- 2. BETA VALUE (0/50°C) : 3600K ± 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)"

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 GLASS NTC PROBE A -10K±1%,B3600,L300									
	mm		NTS														
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 718518 DRWN: NANDAK2022/08/04 CHK'D: RBBHASKAR2022/08/24 APPR: RBBHASKAR2022/08/24 INITIAL REVISION: DRWN: RAVIKM2022/01/28 APPR: RBBHASKAR2022/02/18			PRODUCT CUSTOMER DRAWING			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
	ANGULAR TOL ± °										2185343609		PSD	000	A1		
	4 PLACES		±														
	3 PLACES		±														
	2 PLACES		±														
DIVISIONAL SYMBOLS	1 PLACE		±		THIRD ANGLE PROJECTION			DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	0 PLACES		±					A3-SIZE		218534		2185343609		GENERAL MARKET		1 OF 2	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																

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<table><tr><th>TEMP (°C)</th><th>Rmin(KΩ)</th><th>Rnom(KΩ)</th><th>Rmax(KΩ)</th></tr><tr><td>-40</td><td>224.87</td><td>234.42</td><td>244.35</td></tr><tr><td>-35</td><td>169.65</td><td>176.35</td><td>183.30</td></tr><tr><td>-30</td><td>129.00</td><td>133.73</td><td>138.61</td></tr><tr><td>-25</td><td>98.843</td><td>102.19</td><td>105.64</td></tr><tr><td>-20</td><td>76.292</td><td>78.668</td><td>81.111</td></tr><tr><td>-15</td><td>59.302</td><td>60.994</td><td>62.728</td></tr><tr><td>-10</td><td>46.409</td><td>47.615</td><td>48.848</td></tr><tr><td>-05</td><td>36.558</td><td>37.418</td><td>38.294</td></tr><tr><td>00</td><td>28.980</td><td>29.592</td><td>30.214</td></tr><tr><td>05</td><td>23.114</td><td>23.548</td><td>23.988</td></tr><tr><td>10</td><td>18.543</td><td>18.850</td><td>19.159</td></tr><tr><td>15</td><td>14.961</td><td>15.176</td><td>15.391</td></tr><tr><td>20</td><td>12.138</td><td>12.286</td><td>12.434</td></tr><tr><td>25</td><td>9.900</td><td>10.000</td><td>10.100</td></tr><tr><td>30</td><td>8.084</td><td>8.182</td><td>8.280</td></tr><tr><td>35</td><td>6.635</td><td>6.728</td><td>6.823</td></tr><tr><td>40</td><td>5.472</td><td>5.560</td><td>5.649</td></tr><tr><td>45</td><td>4.535</td><td>4.617</td><td>4.699</td></tr><tr><td>50</td><td>3.776</td><td>3.851</td><td>3.927</td></tr><tr><td>55</td><td>3.158</td><td>3.227</td><td>3.296</td></tr><tr><td>60</td><td>2.653</td><td>2.715</td><td>2.778</td></tr><tr><td>65</td><td>2.238</td><td>2.295</td><td>2.352</td></tr><tr><td>70</td><td>1.896</td><td>1.947</td><td>1.999</td></tr><tr><td>75</td><td>1.613</td><td>1.659</td><td>1.706</td></tr><tr><td>80</td><td>1.377</td><td>1.419</td><td>1.461</td></tr><tr><td>85</td><td>1.181</td><td>1.218</td><td>1.256</td></tr><tr><td>90</td><td>1.016</td><td>1.050</td><td>1.084</td></tr><tr><td>95</td><td>0.8773</td><td>0.9076</td><td>0.9390</td></tr><tr><td>100</td><td>0.7602</td><td>0.7876</td><td>0.8160</td></tr><tr><td>105</td><td>0.6610</td><td>0.6858</td><td>0.7115</td></tr><tr><td>110</td><td>0.5766</td><td>0.5991</td><td>0.6223</td></tr><tr><td>115</td><td>0.5047</td><td>0.5250</td><td>0.5461</td></tr><tr><td>120</td><td>0.4431</td><td>0.4615</td><td>0.4807</td></tr><tr><td>125</td><td>0.3902</td><td>0.4069</td><td>0.4244</td></tr><tr><td>130</td><td>0.3446</td><td>0.3599</td><td>0.3758</td></tr><tr><td>135</td><td>0.3053</td><td>0.3191</td><td>0.3336</td></tr><tr><td>140</td><td>0.2711</td><td>0.2838</td><td>0.2970</td></tr><tr><td>145</td><td>0.2415</td><td>0.2531</td><td>0.2652</td></tr><tr><td>150</td><td>0.2156</td><td>0.2262</td><td>0.2373</td></tr></table>				TEMP (°C)	Rmin(KΩ)	Rnom(KΩ)	Rmax(KΩ)	-40	224.87	234.42	244.35	-35	169.65	176.35	183.30	-30	129.00	133.73	138.61	-25	98.843	102.19	105.64	-20	76.292	78.668	81.111	-15	59.302	60.994	62.728	-10	46.409	47.615	48.848	-05	36.558	37.418	38.294	00	28.980	29.592	30.214	05	23.114	23.548	23.988	10	18.543	18.850	19.159	15	14.961	15.176	15.391	20	12.138	12.286	12.434	25	9.900	10.000	10.100	30	8.084	8.182	8.280	35	6.635	6.728	6.823	40	5.472	5.560	5.649	45	4.535	4.617	4.699	50	3.776	3.851	3.927	55	3.158	3.227	3.296	60	2.653	2.715	2.778	65	2.238	2.295	2.352	70	1.896	1.947	1.999	75	1.613	1.659	1.706	80	1.377	1.419	1.461	85	1.181	1.218	1.256	90	1.016	1.050	1.084	95	0.8773	0.9076	0.9390	100	0.7602	0.7876	0.8160	105	0.6610	0.6858	0.7115	110	0.5766	0.5991	0.6223	115	0.5047	0.5250	0.5461	120	0.4431	0.4615	0.4807	125	0.3902	0.4069	0.4244	130	0.3446	0.3599	0.3758	135	0.3053	0.3191	0.3336	140	0.2711	0.2838	0.2970	145	0.2415	0.2531	0.2652	150	0.2156	0.2262	0.2373	<table><tr><th>TEMP (°C)</th><th>Rmin(KΩ)</th><th>Rnom(KΩ)</th><th>Rmax(KΩ)</th></tr><tr><td>155</td><td>0.1931</td><td>0.2028</td><td>0.2129</td></tr><tr><td>160</td><td>0.1733</td><td>0.1822</td><td>0.1915</td></tr><tr><td>165</td><td>0.1559</td><td>0.1640</td><td>0.1726</td></tr><tr><td>170</td><td>0.1405</td><td>0.1481</td><td>0.1560</td></tr><tr><td>175</td><td>0.1270</td><td>0.1339</td><td>0.1412</td></tr><tr><td>180</td><td>0.1150</td><td>0.1214</td><td>0.1281</td></tr><tr><td>185</td><td>0.1044</td><td>0.1103</td><td>0.1165</td></tr><tr><td>190</td><td>0.0949</td><td>0.1004</td><td>0.1062</td></tr><tr><td>195</td><td>0.0865</td><td>0.0915</td><td>0.0969</td></tr><tr><td>200</td><td>0.0789</td><td>0.0836</td><td>0.0886</td></tr></table>						TEMP (°C)	Rmin(KΩ)	Rnom(KΩ)	Rmax(KΩ)	155	0.1931	0.2028	0.2129	160	0.1733	0.1822	0.1915	165	0.1559	0.1640	0.1726	170	0.1405	0.1481	0.1560	175	0.1270	0.1339	0.1412	180	0.1150	0.1214	0.1281	185	0.1044	0.1103	0.1165	190	0.0949	0.1004	0.1062	195	0.0865	0.0915	0.0969	200	0.0789	0.0836	0.0886
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