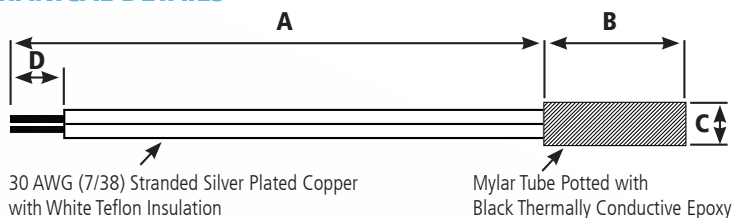


### ELECTRICAL SPECIFICATIONS

| Parameter                    | Unit  | Value                    |
|------------------------------|-------|--------------------------|
| Resistance @ 25°C            | Ohms  | 15,000                   |
| Tolerance from +25°C to 95°C | °C    | ± 0.1                    |
| Alpha @ 25°C                 | %/°C  | -4.39                    |
| Beta Value <sub>0/50</sub>   | K     | 3892                     |
| Dissipation Constant         | mW/°C | 0.5 approx. in still air |

| Parameter                   | Unit          | Value                        |
|-----------------------------|---------------|------------------------------|
| Time Constant               | mS            | 400 in well stirred oil bath |
| Steinhart-Hart Coefficients | Nominal Value |                              |
|                             | A             | 1.037284 E-03                |
|                             | B             | 2.331722 E-04                |
|                             | C             | 8.389599 E-08                |

### MECHANICAL DETAILS



| Dimension  |          |            |          |
|------------|----------|------------|----------|
| A          | B        | C          | D        |
| 152 ± 5 mm | 5 mm Max | 1.6 mm Max | 6 ± 1 mm |

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### RESISTANCE / TEMPERATURE CHART

| Temp (°C) | Res Ω    | Temp (°C) | Res Ω   | Temp (°C) | Res Ω  |
|-----------|----------|-----------|---------|-----------|--------|
| -20.0     | 145531.8 | 21.0      | 17914.4 | 62.0      | 3472.9 |
| -19.0     | 137348.5 | 22.0      | 17129.8 | 63.0      | 3351.6 |
| -18.0     | 129674.7 | 23.0      | 16384.0 | 64.0      | 3235.3 |
| -17.0     | 122475.7 | 24.0      | 15674.7 | 65.0      | 2123.5 |
| -16.0     | 115719.6 | 25.0      | 15000.0 | 66.0      | 3016.2 |
| -15.0     | 109376.5 | 26.0      | 14358.1 | 67.0      | 2913.1 |
| -14.0     | 103419.1 | 27.0      | 13747.1 | 68.0      | 2814.1 |
| -13.0     | 97821.6  | 28.0      | 13165.5 | 69.0      | 2718.9 |
| -12.0     | 92560.2  | 29.0      | 12611.7 | 70.0      | 2627.4 |
| -11.0     | 87613.3  | 30.0      | 12084.2 | 71.0      | 2539.5 |
| -10.0     | 82959.9  | 31.0      | 11581.6 | 72.0      | 2454.9 |
| -9.0      | 78581.2  | 32.0      | 11102.6 | 73.0      | 2373.6 |
| -8.0      | 74459.4  | 33.0      | 10646.0 | 74.0      | 2295.3 |
| -7.0      | 70578.0  | 34.0      | 10210.7 | 75.0      | 2220.1 |
| -6.0      | 66921.8  | 35.0      | 9795.5  | 76.0      | 2147.6 |
| -5.0      | 63476.4  | 36.0      | 9399.5  | 77.0      | 2077.9 |
| -4.0      | 60228.5  | 37.0      | 9021.6  | 78.0      | 2010.9 |
| -3.0      | 57165.7  | 38.0      | 8660.9  | 79.0      | 1946.3 |
| -2.0      | 54276.5  | 39.0      | 8316.5  | 80.0      | 1884.1 |
| -1.0      | 51550.1  | 40.0      | 7987.7  | 81.0      | 1824.1 |
| 0.0       | 48976.5  | 41.0      | 7673.6  | 82.0      | 1766.4 |
| 1.0       | 46546.2  | 42.0      | 7373.5  | 83.0      | 1710.8 |
| 2.0       | 44250.6  | 43.0      | 7086.8  | 84.0      | 1657.2 |
| 3.0       | 42081.4  | 44.0      | 6812.7  | 85.0      | 1605.6 |
| 4.0       | 40031.0  | 45.0      | 6550.7  | 86.0      | 1555.8 |
| 5.0       | 38092.3  | 46.0      | 6300.1  | 87.0      | 1507.8 |
| 6.0       | 36258.5  | 47.0      | 6060.5  | 88.0      | 1461.5 |
| 7.0       | 34523.5  | 48.0      | 5831.2  | 89.0      | 1416.9 |
| 8.0       | 32881.4  | 49.0      | 5611.8  | 90.0      | 1373.8 |
| 9.0       | 31326.8  | 50.0      | 5401.8  | 91.0      | 1332.3 |
| 10.0      | 29854.5  | 51.0      | 5200.7  | 92.0      | 1292.2 |
| 11.0      | 28459.7  | 52.0      | 5008.2  | 93.0      | 1253.5 |
| 12.0      | 27138.0  | 53.0      | 4823.8  | 94.0      | 1216.2 |
| 13.0      | 25885.1  | 54.0      | 4647.1  | 95.0      | 1180.1 |
| 14.0      | 24697.1  | 55.0      | 4477.8  | 96.0      | 1145.3 |
| 15.0      | 23570.2  | 56.0      | 4315.6  | 97.0      | 1111.7 |
| 16.0      | 22501.2  | 57.0      | 4160.1  | 98.0      | 1079.2 |
| 17.0      | 21486.6  | 58.0      | 4011.0  | 99.0      | 1047.8 |
| 18.0      | 20523.4  | 59.0      | 3868.0  | 100.0     | 1017.5 |
| 19.0      | 19608.7  | 60.0      | 3730.8  |           |        |
| 20.0      | 18739.9  | 61.0      | 3599.2  |           |        |

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