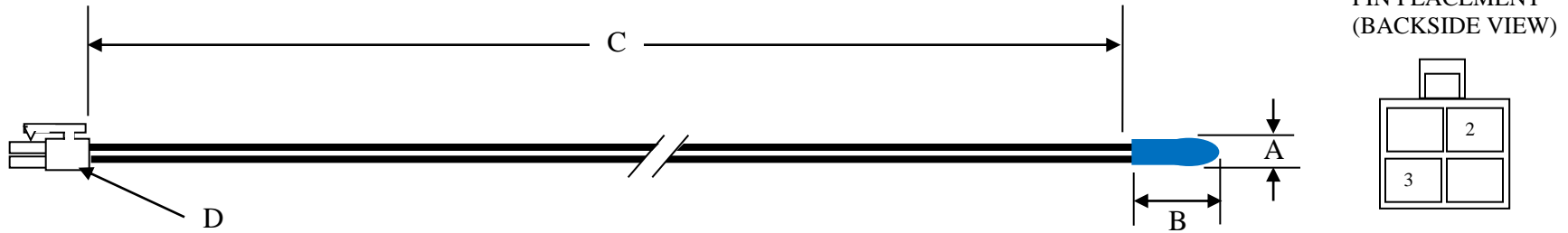




## Part Number: PANE 303395-762




### Electrical Specifications:

|                                       |                 |
|---------------------------------------|-----------------|
| Resistance @ 25°C                     | 30 kΩ ±5%       |
| Temperature Coefficient of Resistance | -4.44 % / °C    |
| Operating Temperature Range           | -40°C to +150°C |
| Dissipation Constant                  | 3 mW / °C       |
| Thermal Time Constant                 | 6 seconds       |
| Beta (25/100)                         | 3950°K ±1%      |
| ROHS Compliant                        | Yes             |

### Mechanical Specifications:


|                 |  |
|-----------------|--|
| A               | 3.8mm ±0.3mm   |
| B               | 15.0mm ±0.5mm  |
| C               | 304.8mm ±10.0mm  |
| D               | Connector: Pin: Molex #43030-0010<br>Plug: Molex #43025-0400 |
| Lead Wire Gauge | 26 AWG XLPE UL4413, stranded                                 |

|      |        |               |
|------|--------|---------------|
| Rev: | Date:  | Changes Made: |
| 0    | 4/5/23 | Issue         |
|      |        |               |
|      |        |               |

|                    |               |  |
|--------------------|---------------|--|
| DRAWN BY: C. Terry |               | <br><b>AMETHEM</b><br><i>Circuit Protection Thermistors</i> |
| DATE: 4/5/23       | REV: 0        |  |
| ORIG. C. Terry     | APPR: M SAMII | NTC THERMISTOR PROBE   |
| SHEET 1 of 2       |               | PANE 303395-762  |

### RESISTANCE VS TEMPERATURE CURVE

| Temperature<br>(°C) | Rnom<br>(KΩ) | Temperature<br>(°C) | Rnom<br>(KΩ) |
|---------------------|--------------|---------------------|--------------|
| -40                 | 977.240      | 60                  | 7.580        |
| -35                 | 701.482      | 65                  | 6.361        |
| -30                 | 509.528      | 70                  | 5.361        |
| -25                 | 375.039      | 75                  | 4.538        |
| -20                 | 279.692      | 80                  | 3.857        |
| -15                 | 211.135      | 85                  | 3.292        |
| -10                 | 161.118      | 90                  | 2.820        |
| -5                  | 124.117      | 95                  | 2.425        |
| 0                   | 96.400       | 100                 | 2.093        |
| 5                   | 75.411       | 105                 | 1.812        |
| 10                  | 59.371       | 110                 | 1.575        |
| 15                  | 47.020       | 115                 | 1.374        |
| 20                  | 37.451       | 120                 | 1.202        |
| 25                  | 30.000       | 125                 | 1.055        |
| 30                  | 24.174       | 130                 | 0.929        |
| 35                  | 19.604       | 135                 | 0.820        |
| 40                  | 16.006       | 140                 | 0.727        |
| 45                  | 13.167       | 145                 | 0.646        |
| 50                  | 10.921       | 150                 | 0.575        |
| 55                  | 9.076        |                     |              |

|                    |               |   |
|--------------------|---------------|---|
| DRAWN BY: C. Terry |               | <br><b>AMETHERM</b><br><i>Circuit Protection Thermistors</i> |
| DATE: 4/5/23       | REV: 0        |   |
| ORIG. C. Terry     | APPR: M SAMII | NTC THERMISTOR PROBE  |
| SHEET 2 of 2       |               | PANE 303395-762   |