

## Honeywell Sensing and Control

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## 535-32AA35-103 Packaged Temperature Probes

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*Actual product appearance may vary.*

500 Series surface temperature probe, NTC, 10,000 Ohm,  $\pm 5.0\%$  tolerance, 25 °C [77 °F] accuracy, nickel-plated copper, ring tongue (#10), lead wires/AMP 172157-1, 22 gauge Teflon insulation, 102 mm [4 in]

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## Product Specifications

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| Thermistor Type                       | NTC                                 |
| Temperature Sensing Type              | Surface                             |
| Resistance                            | 10,000 Ohm                          |
| Tolerance                             | $\pm 5.0\%$                         |
| Accuracy                              | 25 °C [77 °F]                       |
| BETA (25/85)                          | 3974                                |
| R-T Curve                             | 16                                  |
| Operating Temperature                 | -60 °C to 150 °C [-76 °F to 302 °F] |
| Housing Material                      | Nickel-plated copper                |
| Mounting Method/Mechanical Interface  | Ring tongue (#10)                   |
| Electrical Interface/Connector Type   | Lead wires/AMP 172157-1             |
| Lead Material                         | 22 Gauge Teflon insulation          |
| Lead Length                           | 102 mm [4 in]                       |
| Time Constant on Metal Surface        | 4.0 s                               |
| Dissipation Constant on Metal Surface | 20 mW/°C                            |
| Availability                          | Global                              |
| Series Name                           | 500                                 |