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Vishay Introduces a Virtual Board for Leaded Through-Hole NTC Thermistors

If there is one word that describes Vishay’s offering of NTC leaded through-hole thermistors, it’s “diverse.” Consider the NTCLE203 series with tinned nickel wires — its electrical values for the die inside range from 2 kΩ to 470 kΩ, with more than 10 possible values. And then there’s the mechanical options. Most thermistor die (with one defined R25 and B25/85 value) can be soldered by Vishay on a variety of wire types and gages with different insulators and lengths. Wire can be single-strand or multistranded, with silver conductor wire plating for welding or tin for soldering. Many combinations of product characteristics are possible, but not all of them. Some are already included in standard thermistor series, and others aren’t.

To help our customers choose the ideal product characteristics for their application, Vishay has introduced a global virtual board. The board starts with the selection of wire gage and insulator, and then directs the user towards the right combination or to the right datasheet if these characteristics already exist in a standard series. Information is also provided on possible wire lengths, eventual connectors, and wire plating. With just a few clicks, the user will have found their ideal thermistor and its essential characteristics.

Key Advantages

- Global view of different product ranges
- Essential product characteristics are displayed
- Links to datasheets

Useful Links

- Virtual Board <https://www.vishay.com/landingpage/sampleboard/ntc/index.html>

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