

THERMOMETRICS  
A COMMITMENT TO EXCELLENCE

# Product Spotlight



## Type A040 Series NTC Thermistors

Thermometrics Type A040 Series NTC Thermistors are precision, solid state temperature sensors, that are fully electrically-insulated in a miniature package size.

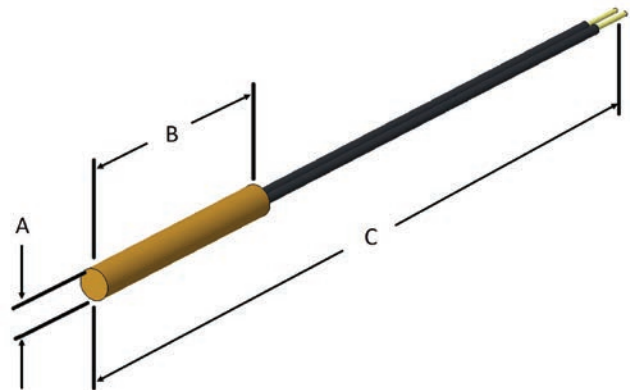
The A040 package includes:

- Interchangeable NTC Chip Thermistor, which produces a **tight interchangeable tolerance** against our published resistance versus temperature curve.
- These thermistors also exhibit **excellent stability** across the interchangeable range.
- Insulated lead wires consisting of #40 AWG Ni-alloy, heavy build polyester. The lead wires are housed in an epoxy-filled polyimide sleeve for a **controlled diameter**.



### Specifications

- Max OD: 0.020 in.
- Resistance at 25°C: 2252Ω (400 Series) and 10KΩ
- Interchangeability:  $\pm 0.2^{\circ}\text{C}$  from 10°C to 40°C
- Insulated Leads : #40 AWG Ni-alloy, Heavy Build Polyester



### Applications

- Surgical Assemblies
- Myocardial Assemblies
- Cranial Catheters
- IV Fluid Temperature Assemblies

### Ordering Information:

SKU	Part Name	R(25)	Dimensions (ref)
500077	A040B-UBCF16:001	2252Ω	"A": 0.019" "B": 0.388" "C": 2.562"
508357 <sup>(1)</sup>	A040A-UBCF16:001A	10KΩ	"A": 0.019" "B": 0.156" "C": 2.562"
508623 <sup>(1)</sup>	A040B/1-UBC16F:001	2252Ω <sup>(2)</sup>	"A": 0.019" "B": 0.388" "C": 29.53"

Note (1): RoHS Compliant

Note (2):  $\pm 0.2^{\circ}\text{C}$  from 25°C to 40°C

Medical Disclaimer: You are hereby advised that Amphenol Advanced Sensors has not performed any biocompatibility or clinical testing of these products. The responsibility to ensure that all products comply with all applicable federal, state, and local laws lies with the OEM manufacturer or user.

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AAS-930-266A 06/2020