

Amphenol

Advanced Sensors

THERMISTOR SPECIFICATION NTC THERMISTOR TYPE: P25BA102J	Originated by: Nelson Schaffner THM Ref. No. 507306	PAGE 1 of 1 DATE: 06/16/2017
CUSTOMER: Catalog	CUSTOMER SPECIFICATION No. N/A	

DESCRIPTION: NTC Bead in Glass Probe Thermistor

ELECTRICAL SPECIFICATION

Resistance specification: 1K ohms \pm 5% @ 25°C

Material System: A2

β value 25/125: 2997 nominal

R25/R125: 12.5 nominal

Dissipation constant: 0.16 mW/°C nominal (still air at +25°C)

Thermal Time Constant: 2 sec nominal (still air at +25°C)

Power Rating: 0.025 Watts max.
100% max power to +150°C
Derated to 0% @ +300°C

Temperature Range: -80°C to +200°C

MECHANICAL SPECIFICATION

Diameter ("A"): 0.025" max

Length ("B"): 0.250" nom

Lead Length ("C"): .25" min

Lead Diameter: 0.002" nom

Lead Material: Platinum Alloy

OUTLINE DRAWING

Dimensions are in inches
(not to scale)

