

Amphenol

Advanced Sensors

THERMISTOR SPECIFICATION NTC THERMISTOR TYPE: P20BA202M	Originated by: Nelson Schaffner THM Ref. No. 505003	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: 2K ohms \pm 20% @ 25°C

Material System: A3

β value 25/125: 3133 nominal

R25/R125: 14.0 nominal

Dissipation constant: 0.14 mW/°C nominal (still air at +25°C)

Thermal Time Constant: 1.6 sec nominal (still air at +25°C)

Power Rating: 0.020 Watts max.
100% max power to +150°C
Derated to 0% @ +300°C

Temperature Range: -80°C to +200°C

MECHANICAL SPECIFICATION

Diameter ("A"): 0.020" max

Length ("B"): 0.250" nom

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

Lead Diameter: 0.0011" nom

Lead Material: Platinum Alloy

OUTLINE DRAWING

Dimensions are in inches
(not to scale)

