

Amphenol

Advanced Sensors

THERMISTOR SPECIFICATION NTC THERMISTOR TYPE: RL1009-5820-97-S53	Originated by: N Schaffner THM Ref. No. 41717300	PAGE 1 of 1 DATE: 09/29/2017
CUSTOMER:	CUSTOMER SPECIFICATION No.	

DESCRIPTION:

Radial Leaded Epoxy Coated NTC Thermistor

ELECTRICAL SPECIFICATION

Resistance specification:

$336,600 \Omega \pm 13.4\%$ AT -40°C
 $10,000 \Omega \pm 8.8\%$ AT 25°C
 $1750 \Omega \pm 6.86\%$ AT 70°C
 $390.0 \Omega \pm 5.13\%$ AT 120°C
 $342.0 \Omega \pm 4.97\%$ AT 125°C
 $185.0 \Omega \pm 4.32\%$ AT 150°C

Material System

D9.7A

β value 25/85:

3972

Dissipation constant:

3.0 mW/ $^{\circ}\text{C}$

Thermal Time Constant:

10 sec. still air

Temperature Range:

-50°C to 150°C

OUTLINE DRAWING

Dimensions are in Inches

(Not to scale)

