Amphenol

Advanced Sensors

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

<u>DESCRIPTION:</u> Radial Leaded Epoxy Coated NTC Thermistor

ELECTRICAL SPECIFICATION

Resistance specification: $336,600 \Omega \pm 13.4\% \text{ AT } -40^{\circ}\text{C}$

 $10,000~\Omega \pm 8.8\%~AT~25^{\circ}C$ $1750~\Omega \pm 6.86\%~AT~70^{\circ}C$ $390.0~\Omega \pm 5.13\%~AT~120^{\circ}C$ $342.0~\Omega \pm 4.97\%~AT~125^{\circ}C$ $185.0~\Omega \pm 4.32\%~AT~150^{\circ}C$

 $\begin{array}{lll} \text{Material System} & \text{D9.7A} \\ \beta \text{ value 25/85:} & 3972 \\ \text{Dissipation constant:} & 3.0 \text{ mW/°C} \\ \text{Thermal Time Constant:} & 10 \text{ sec. still air} \\ \text{Temperature Range:} & -50 ^{\circ}\text{C to } 150 ^{\circ}\text{C} \end{array}$

OUTLINE DRAWING

Dimensions are in Inches (Not to scale)

