

Advanced Sensors

THERMISTOR SPECIFICATION	Originated by: N Schaffner	PAGE 1 of 1
NTC THERMISTOR TYPE:	THM Ref. No. 55540100	DATE:
RL2006-1600-103-S60		09/29/2017
CUSTOMER:	CUSTOMER SPECIFICATION No.	

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

ELECTRICAL SPECIFICATION

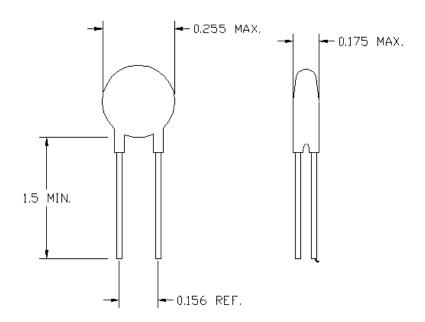
Resistance specification: $99350 \Omega \pm 7.07\% \text{ AT -}40^{\circ}\text{C}$

 $2752 \Omega \pm 4.36\% \text{ AT } 25^{\circ}\text{C}$ $175.3 \Omega \pm 2.0\% \text{ AT } 100^{\circ}\text{C}$ $46.73 \Omega \pm 3.16\% \text{ AT } 150^{\circ}\text{C}$

 $\begin{array}{lll} \text{Material System} & \text{D10.3} \\ \beta \text{ value 25/85:} & 4073 \text{K} \\ \text{Dissipation constant:} & 6.5 \text{ mW/°C} \\ \text{Thermal Time Constant:} & 20 \text{ sec. still air} \\ \text{Temperature Range:} & -50 ^{\circ}\text{C to 150 }^{\circ}\text{C} \end{array}$

OUTLINE DRAWING

Dimensions are in Inches (Not to scale)



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