

Amphenol

Advanced Sensors

THERMISTOR SPECIFICATION NTC THERMISTOR TYPE: RL3008-13.1-59-D1	Originated by: John R. Lukie, Jr. THM Ref. No. 66973300	PAGE 1 of 1 DATE: 11/21/18
CUSTOMER: Catalog	CUSTOMER SPECIFICATION No. N/A	

DESCRIPTION: NTC Thermistor, Uncoated Disc with Radial Leads

ELECTRICAL SPECIFICATION

Resistance specification: 20 ohms \pm 20% @ +25°C

Material System: D5.9

β value 25/85: 3096K nominal

R25/R85: 5.69 nominal

Dissipation constant: 8.0 mW/°C nominal (still air at +25°C)

Thermal Time Constant: 50 sec nominal (still air at +25°C)

Temperature Range: -50°C to +150°C

MECHANICAL SPECIFICATION

Diameter ("A"): 0.280" – 0.320"

Length ("B"): 1.5" min

Lead Spacing ("C"): 0.250" ref

Thickness ("D"): 0.170" max

Lead Diameter: #24 AWG

Lead Material: Tinned Copper*

*NOTE: Leads tinned with 100% Sn.

OUTLINE DRAWING

Dimensions are in inches
(not to scale)

