

Amphenol

Advanced Sensors

THERMISTOR SPECIFICATION NTC THERMISTOR TYPE: UBC30F103XN-L10	Originated by: John R. Lukie, Jr. THM Ref. No. 508631	PAGE 1 of 1 DATE: 04/16/14
CUSTOMER:	CUSTOMER SPECIFICATION No. n/a	

DESCRIPTION:

NTC Interchangeable Chip Thermistor

ELECTRICAL SPECIFICATION

Resistance specification: 10K ohm @ 25°C
 Tolerance specification: $\pm 0.2^\circ\text{C}$ from -20°C to $+70^\circ\text{C}$

Material System: F
 β value 0/50: 3895 reference
 R0/R50: 9.08 reference
 Dissipation constant: 0.4 mW/°C nominal (still air at +25°C)
 Thermal Time Constant: 5 sec nominal (still air at +25°C)
 Temperature Range: -40°C to $+105^\circ\text{C}$

MECHANICAL SPECIFICATION

Housing: Polyimide

Encapsulant: Two-Part Epoxy

Leads: #38 AWG, Solid Copper Bifilar
 with Heavy Polyester Insulation

RoHS Compliant

OUTLINE DRAWING

Dimensions are in inches
 (not to scale)

