

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: ±0.2°C from -20°C to +70°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°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)

