

## PART TO BE COMPLIANT WITH DIRECTIVE 2015/863/EU (ROHS) &amp; EC 1907/2006 (REACH) OF THE EUROPEAN PARLIAMENT.

Rev No / ZONE

Date

Change

ECN

1. Max weight Allowed

20 Kg

1

03.06.24

ADDED ExTI PART #.

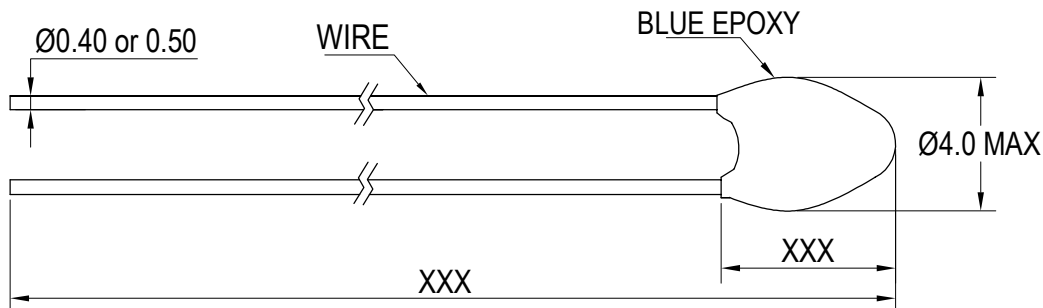
SI  
No

PACKING DESCRIPTION

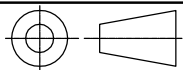
SPECIFICATION

**DESCRIPTION:-**

EPOXY COATED NTC CHIP SOLDERED TO 0.40 or 0.50mm BARE TIN COATED NICKEL WIRE.

**ELECTRICAL SPECIFICATIONS:**

SI #	ExTI Thermistor Part #	Resistance at 25°C	Resistance Tolerance	B-Value (25/85°C)	Dissipation Factor	Maximum Power at	Operating Temp.	Storage Temp.
1	NKI102C1RxxLxxx	1000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
2	NKI102C2RxxLxxx	1000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3540K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
3	NKI202C2RxxLxxx	2000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3540K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
4	NKI202C2ARxxLxxx	2000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3627K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
5	NKI272C1RxxLxxx	2700.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
6	NKI272C10.3RxxLxxx	2700.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4073K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
7	NKI302CFRxxLxxx	3000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3969K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
8	NKI302C1RxxLxxx	3000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
9	NKI502C1RxxLxxx	5000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
10	NKI103C1RxxLxxx	10000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
11	NKI103C4ARxxLxxx	10000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3435K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
12	NKI103CYRxxLxxx	10000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3690K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
13	NKI103CFRxxLxxx	10000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3969K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
14	NKI103C5RxxLxxx	10000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3740K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
15	NKI103C10.3RxxLxxx	10000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4073K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
16	NKI113C10.3RxxLxxx	11000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4073K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
17	NKI123C5RxxLxxx	12000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3740K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
18	NKI203C1RxxLxxx	20000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
19	NKI203CGRxxLxxx	20000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4252K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
20	NKI303C1RxxLxxx	30000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
21	NKI303CHRxxLxxx	30000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3936K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
22	NKI503C1RxxLxxx	50000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
23	NKI503CGRxxLxxx	50000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4252K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
24	NKI104C1RxxLxxx	100000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
25	NKI104CGRxxLxxx	100000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4252K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
26	NKI105RxxLxxx	1000000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4851K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C

**EXA THERMOMETRICS**  
 AN AMPHENOL COMPANY


SCALE

NTS

UNITS

mm

SHEET

1 OF 1

DRAWING NO:

TP/T/22702

CUSTOMER:

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DESCRIPTION:

NTC THERMISTOR ASSEMBLY(NK)

CUSTOMER PART NUMBER:

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ExTI PART NUMBER:

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SPECIAL CHARACTERISTICS

TOTAL NUMBER OF SPECIAL CHARACTERISTICS:  
 SC/S - SPECIAL CHARACTERISTICS RELATED TO SAFETY = 0  
 SC/L - SPECIAL CHARACTERISTICS RELATED TO LEGAL AND REGULATORY = 0  
 SC/F - SPECIAL CHARACTERISTICS RELATED TO FUNCTIONS = 0

16.05.18

01

SHA

GPM

IB

DATE

ISSUE

DRAWN

CHECKED

APPROVED

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