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

Rev No / ZONE

Date

Change

ECN

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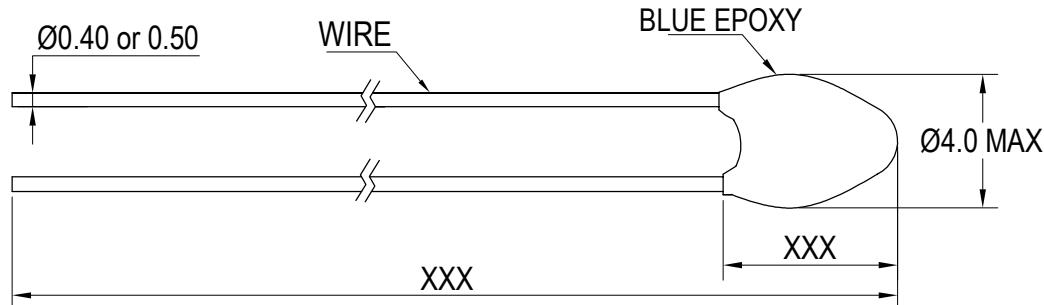
1.	Max weight Allowed	20 Kg
SI No	PACKING DESCRIPTION	SPECIFICATION



03.06.24 ADDED ExTi PART #.

DESCRIPTION:-

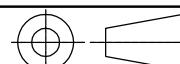
EPOXY COATED NTC CHIP SOLDERED TO 0.40 or 0.50mm BARE TIN COATED NICKEL WIRE.



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	NKI102C1RxLxxx	1000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
2	NKI102C2RxLxxx	1000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3540K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
3	NKI202C2RxLxxx	2000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3540K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
4	NKI202C2ARxLxxx	2000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3627K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
5	NKI272C1RxLxxx	2700.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
6	NKI272C10.3RxLxxx	2700.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	4073K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
7	NKI302CFRxLxxx	3000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3969K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
8	NKI302C1RxLxxx	3000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
9	NKI502C1RxLxxx	5000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
10	NKI103C1RxLxxx	10000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
11	NKI103C4ARxLxxx	10000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3435K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
12	NKI103CVRxLxxx	10000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3690K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
13	NKI103CFRxLxxx	10000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3969K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
14	NKI103CSRxLxxx	10000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3740K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
15	NKI103C10.3RxLxxx	10000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	4073K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
16	NKI113C1RxLxxx	11000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	4073K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
17	NKI123CSRxLxxx	12000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3740K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
18	NKI203C1RxLxxx	20000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
19	NKI203CGRxLxxx	20000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	4252K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
20	NKI303C1RxLxxx	30000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
21	NKI303CRxLxxx	30000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3936K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
22	NKI503C1RxLxxx	50000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
23	NKI503CGRxLxxx	50000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	4252K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
24	NKI104C1RxLxxx	100000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	3977K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
25	NKI104CGRxLxxx	100000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	4252K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
26	NKI105RxLxxx	1000000.0Ω	±10% ±20% ±3.0% ±5.0 & ±10.0%	4851K	2.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C



SCALE

NTS

UNITS

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SHEET

1 OF 1

EXA THERMOMETRICS
AN AMPHENOL COMPANYDRAWING NO:
TP/T/22702CUSTOMER:
---DESCRIPTION:
NTC THERMISTOR ASSEMBLY(NK)CUSTOMER PART NUMBER:

03.06.24 02 VSN GPM IB

ExTi PART NUMBER:

SPECIAL CHARACTERISTICS

16.05.18 01 SHA GPM IB

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

DATE ISSUE DRAWN CHECKED APPROVED

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