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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

D 1. Max weight Allowed

20 Kg



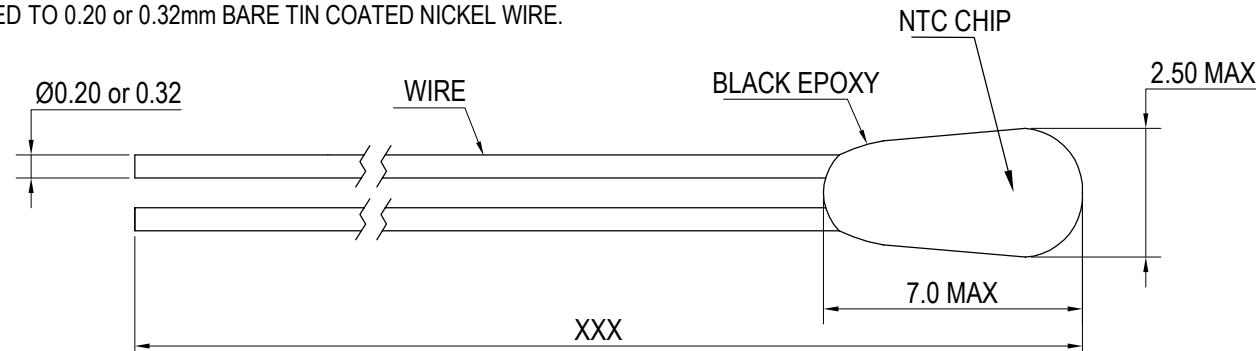
03.06.24 ADDED ExTi PART #.

SI No PACKING DESCRIPTION

SPECIFICATION

DESCRIPTION :

EPOXY COATED NTC CHIP SOLDERED TO 0.20 or 0.32mm BARE TIN COATED NICKEL WIRE.

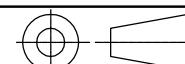


ELECTRICAL SPECIFICATIONS:



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	NDL102C1RxxLxxx	1000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
2	NDL102C2RxxLxxx	1000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3540K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
3	NDL202C2RxxLxxx	2000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3540K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
4	NDL202C2ARxxLxxx	2000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3627K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
5	NDL272C1RxxLxxx	2700.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
6	NDL272C10.3RxxLxxx	2700.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4073K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
7	NDL302CFRxxLxxx	3000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3969K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
8	NDL302C1RxxLxxx	3000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
9	NDL502C1RxxLxxx	5000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
10	NDL103C1RxxLxxx	10000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
11	NDL103C4ARxxLxxx	10000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3435K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
12	NDL103CYRxxLxxx	10000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3690K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
13	NDL103CFRxxLxxx	10000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3969K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
14	NDL103C5RxxLxxx	10000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3740K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
15	NDL103C10.3RxxLxxx	10000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4073K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
16	NDL113C10.3RxxLxxx	11000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4073K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
17	NDL123C5RxxLxxx	12000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3740K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
18	NDL203C1RxxLxxx	20000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
19	NDL203CGRxxLxxx	20000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4252K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
20	NDL303C1RxxLxxx	30000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
21	NDL303CHRxxLxxx	30000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3936K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
22	NDL503C1RxxLxxx	50000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
23	NDL503CGRxxLxxx	50000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4252K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
24	NDL104C1RxxLxxx	100000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	3977K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
25	NDL104CGRxxLxxx	100000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4252K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C
26	NDL105RxxLxxx	1000000.0Ω	±1.0%, ±2.0%, ±3.0%, ±5.0 & ±10.0%	4851K	1.0 mW/K	75 mW	-40 to 150°C	-20 to 45°C

EXA THERMOMETRICS
AN AMPHENOL COMPANY



SCALE

NTS

UNITS

mm

1 OF 1

DRAWING NO:

TP/T/22703

CUSTOMER:

DESCRIPTION:

CUSTOMER PART NUMBER:

ExTi PART NUMBER:

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

DATE

16.05.18

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SHA

GPM

IB

ISSUE

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ALL DEVICE CORPORATION 5-571 Kamagaya, Kamagaya-shi, Chiba 273-0105 Japan Tel:81-47-489-5939 Email:info@all-device.com