

PART TO BE COMPLIANT WITH DIRECTIVE 2015/863/EU (ROHS) & 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 #.

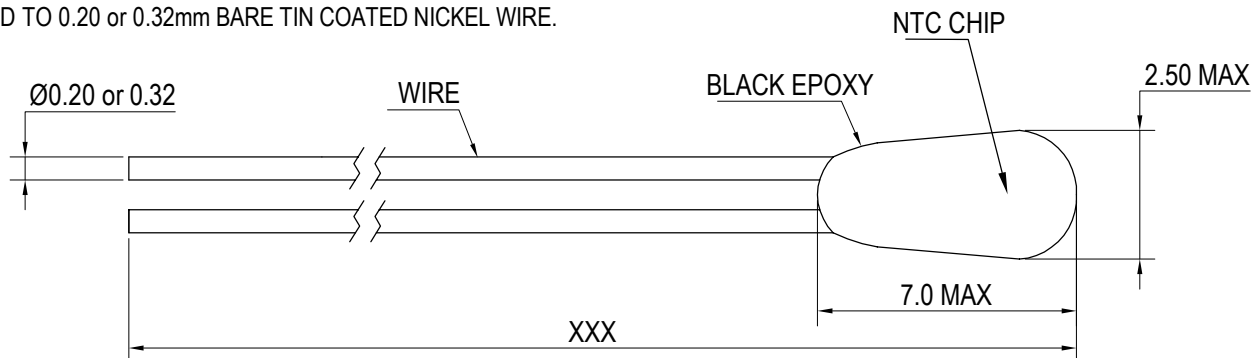
SI
No

PACKING DESCRIPTION

SPECIFICATION

DESCRIPTION :

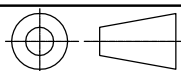
EPOXY COATED NTC CHIP SOLDERED TO 0.20 or 0.32mm BARE TIN COATED NICKEL WIRE.



ELECTRICAL SPECIFICATIONS:

1

| 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 | NDLI102C1RxxLxxx | 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 | NDLI102C2RxxLxxx | 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 | NDLI202C2RxxLxxx | 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 | NDLI202C2ARxxLxxx | 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 | NDLI272C1RxxLxxx | 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 | NDLI272C10.3RxxLxxx | 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 | NDLI302CFRxxLxxx | 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 | NDLI302C1RxxLxxx | 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 | NDLI502C1RxxLxxx | 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 | NDLI103C1RxxLxxx | 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 | NDLI103C4ARxxLxxx | 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 | NDLI103CYRxxLxxx | 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 | NDLI103CFRxxLxxx | 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 | NDLI103C5RxxLxxx | 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 | NDLI103C10.3RxxLxxx | 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 | NDLI113C10.3RxxLxxx | 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 | NDLI123C5RxxLxxx | 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 | NDLI203C1RxxLxxx | 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 | NDLI203CGRxxLxxx | 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 | NDLI303C1RxxLxxx | 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 | NDLI303CHRxxLxxx | 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 | NDLI503C1RxxLxxx | 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 | NDLI503CGRxxLxxx | 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 | NDLI104C1RxxLxxx | 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 | NDLI104CGRxxLxxx | 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 | NDLI105RxxLxxx | 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 COMPANYSCALE
NTSUNITS
mmSHEET
1 OF 1

DRAWING NO:

TP/T/22703

CUSTOMER:

DESCRIPTION:

NTC THERMISTOR ASSEMBLY(NDL)

ExTI PART NUMBER:

CUSTOMER PART NUMBER:

SPECIAL CHARACTERISTICS

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

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