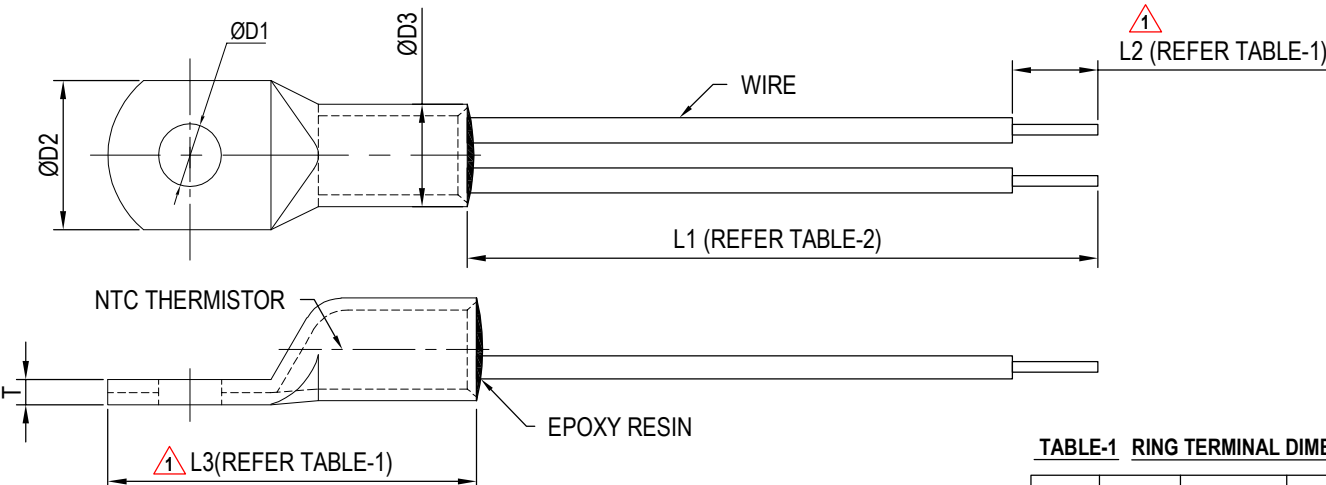


4	3	2	1
PART TO BE COMPLIANT WITH DIRECTIVE 2015/863/EU (ROHS) & EC 1907/2006 (REACH) OF THE EUROPEAN PARLIAMENT.		Rev No / ZONE <div style="text-align: center;">△ 1</div>	Date 06.01.24
Change ADDED STRIP LENGTH IN TABLE L2, L3 AS EYELET LENGTH , ADDED NEW PART # FOR ALL TYPES AND NOTE.		ECN	

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

DESCRIPTION:
 NTC CHIP SOLDERED WITH 28AWG XLPE INSULATED TIN PLATED COPPER & EPOXY RESIN POTTED IN EYELET.



△ 1 L2 (REFER TABLE-1)

L1 (REFER TABLE-2)

△ 1 L3(REFER TABLE-1)

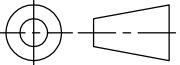
ELECTRICAL SPECIFICATION :-

1. B-VALUE (25/85°C)	: 3977K ± 2.0%
2. INSULATION RESISTANCE	: MIN100MΩ AT 1000V DC
3. DISSIPATION FACTOR	: 1.5mW/K
4. RESPONSE TIME(t63.2%)	: 7.0SEC APPROX (25 TO 85°C WATER)
5. STORAGE TEMPERATURE RANGE	: -40 to 85°C
6. OPERATING TEMPERATURE RANGE	: -40 to 125°C

△ 1 **NOTE:**
 1. INSPECTION REPORT NEED TO SEND EACH SHIPMENT.

TABLE-1 RING TERMINAL DIMENSIONS:

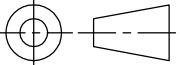
SIZE	D1	D2	D3	T	L2	L3
M3	3.2±0.2	7.5±1.0	4.50±0.2	1.0±0.3	6.0±2.0	16.0±1.5
M35	3.7±0.2	7.5±1.0	4.50±0.2	1.0±0.3	6.0±2.0	18.0±1.5
M4	4.2±0.2	10.0±1.0	4.80±0.2	1.0±0.3	6.0±2.0	20.0±1.5
M5	5.2±0.2	10.0±1.0	5.50±0.2	1.0±0.3	6.0±2.0	20.0±1.5
M6	6.5±0.2	11.0±1.0	5.50±0.2	1.2±0.3	6.0±2.0	24.0±1.5

EXA THERMOMETRICS AN AMPHENOL COMPANY		SCALE NTS	UNITS mm	SHEET 1 OF 3	DRAWING NO: TP/A/23718	CUSTOMER: NA																																						
	TOLERANCES UNLESS SPECIFIED					PART NAME: NTC THERMISTOR ASSEMBLY WITH RING TERMINAL	CUST. PART NO.: NA																																					
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>OVER</th> <th>-</th> <th>6</th> <th>30</th> <th>120</th> <th>315</th> <th>1000</th> <th>2000</th> <th>ANGLE (°)</th> </tr> <tr> <td>UP TO</td> <td>6</td> <td>30</td> <td>120</td> <td>315</td> <td>1000</td> <td>2000</td> <td>-</td> <td>RIGHT 1</td> </tr> <tr> <td>±</td> <td>0.1</td> <td>0.15</td> <td>0.2</td> <td>0.3</td> <td>0.4</td> <td>1.0</td> <td>2.0</td> <td>OTHER 1.5</td> </tr> </table>					OVER	-	6	30	120	315	1000	2000	ANGLE (°)	UP TO	6	30	120	315	1000	2000	-	RIGHT 1	±	0.1	0.15	0.2	0.3	0.4	1.0	2.0	OTHER 1.5	ExTI PART NO: REFER TABLE						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					
	OVER	-	6	30	120	315	1000	2000	ANGLE (°)																																			
UP TO	6	30	120	315	1000	2000	-	RIGHT 1																																				
±	0.1	0.15	0.2	0.3	0.4	1.0	2.0	OTHER 1.5																																				
The copyright of this Specification / Drawing is the property of Exa Thermometrics and it is issued on the condition that it is not to be copied / reprinted or stored in any electronic retrieval system nor its contents disclosed either wholly or in part to any third party without the consent in writing or with the conditions of a contract .					<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">06.01.24</td> <td style="width:10%;">02</td> <td style="width:10%;">VSN</td> <td style="width:10%;">GPM</td> <td style="width:10%;">IB</td> </tr> <tr> <td style="width:10%;">06.11.23</td> <td style="width:10%;">01</td> <td style="width:10%;">VSN</td> <td style="width:10%;">GPM</td> <td style="width:10%;">IB</td> </tr> <tr> <td style="width:10%;">DATE</td> <td style="width:10%;">ISSUE</td> <td style="width:10%;">DRAWN</td> <td style="width:10%;">CHECKED</td> <td style="width:10%;">APPROVED</td> </tr> </table>						06.01.24	02	VSN	GPM	IB	06.11.23	01	VSN	GPM	IB	DATE	ISSUE	DRAWN	CHECKED	APPROVED																			
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D	TABLE-2 <div style="text-align: center;"> </div>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>SL. NO</th> <th>EXTI PART NO.</th> <th>RESISTANCE AT 25°C</th> <th>L1 (WIRE LENGTH)</th> </tr> <tr><td>1</td><td>RTS103C1R1M3L500</td><td>10000.0Q±1.0%</td><td>50.0±5.0</td></tr> <tr><td>2</td><td>RTS103C1R1M3L151</td><td>10000.0Q±1.0%</td><td>150.0±5.0</td></tr> <tr><td>3</td><td>RTS103C1R1M3L201</td><td>10000.0Q±1.0%</td><td>200.0±5.0</td></tr> <tr><td>4</td><td>RTS103C1R1M3L501</td><td>10000.0Q±1.0%</td><td>500.0±10.0</td></tr> <tr><td>5</td><td>RTS103C1R1M3L102</td><td>10000.0Q±1.0%</td><td>1000.0±25.0</td></tr> <tr><td>6</td><td>RTS103C1R1M3L202</td><td>10000.0Q±1.0%</td><td>2000.0±50.0</td></tr> <tr><td>7</td><td>RTS103C1R2M3L500</td><td>10000.0Q±2.0%</td><td>50.0±5.0</td></tr> <tr><td>8</td><td>RTS103C1R2M3L151</td><td>10000.0Q±2.0%</td><td>150.0±5.0</td></tr> <tr><td>9</td><td>RTS103C1R2M3L201</td><td>10000.0Q±2.0%</td><td>200.0±5.0</td></tr> <tr><td>10</td><td>RTS103C1R2M3L501</td><td>10000.0Q±2.0%</td><td>500.0±10.0</td></tr> <tr><td>11</td><td>RTS103C1R2M3L102</td><td>10000.0Q±2.0%</td><td>1000.0±25.0</td></tr> <tr><td>12</td><td>RTS103C1R2M3L202</td><td>10000.0Q±2.0%</td><td>2000.0±50.0</td></tr> <tr><td>13</td><td>RTS103C1R5M3L500</td><td>10000.0Q±5.0%</td><td>50.0±5.0</td></tr> <tr><td>14</td><td>RTS103C1R5M3L151</td><td>10000.0Q±5.0%</td><td>150.0±5.0</td></tr> <tr><td>15</td><td>RTS103C1R5M3L201</td><td>10000.0Q±5.0%</td><td>200.0±5.0</td></tr> <tr><td>16</td><td>RTS103C1R5M3L501</td><td>10000.0Q±5.0%</td><td>500.0±10.0</td></tr> <tr><td>17</td><td>RTS103C1R5M3L102</td><td>10000.0Q±5.0%</td><td>1000.0±25.0</td></tr> <tr><td>18</td><td>RTS103C1R5M3L202</td><td>10000.0Q±5.0%</td><td>2000.0±50.0</td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td>19</td><td>RTS103C1R1M35L500</td><td>10000.0Q±1.0%</td><td>50.0±5.0</td></tr> <tr><td>20</td><td>RTS103C1R1M35L151</td><td>10000.0Q±1.0%</td><td>150.0±5.0</td></tr> <tr><td>21</td><td>RTS103C1R1M35L201</td><td>10000.0Q±1.0%</td><td>200.0±5.0</td></tr> <tr><td>22</td><td>RTS103C1R1M35L501</td><td>10000.0Q±1.0%</td><td>500.0±10.0</td></tr> <tr><td>23</td><td>RTS103C1R1M35L102</td><td>10000.0Q±1.0%</td><td>1000.0±25.0</td></tr> <tr><td>24</td><td>RTS103C1R1M35L202</td><td>10000.0Q±1.0%</td><td>2000.0±50.0</td></tr> <tr><td>25</td><td>RTS103C1R2M35L500</td><td>10000.0Q±2.0%</td><td>50.0±5.0</td></tr> <tr><td>26</td><td>RTS103C1R2M35L151</td><td>10000.0Q±2.0%</td><td>150.0±5.0</td></tr> <tr><td>27</td><td>RTS103C1R2M35L201</td><td>10000.0Q±2.0%</td><td>200.0±5.0</td></tr> <tr><td>28</td><td>RTS103C1R2M35L501</td><td>10000.0Q±2.0%</td><td>500.0±10.0</td></tr> <tr><td>29</td><td>RTS103C1R2M35L102</td><td>10000.0Q±2.0%</td><td>1000.0±25.0</td></tr> <tr><td>30</td><td>RTS103C1R2M35L202</td><td>10000.0Q±2.0%</td><td>2000.0±50.0</td></tr> <tr><td>31</td><td>RTS103C1R5M35L500</td><td>10000.0Q±5.0%</td><td>50.0±5.0</td></tr> <tr><td>32</td><td>RTS103C1R5M35L151</td><td>10000.0Q±5.0%</td><td>150.0±5.0</td></tr> <tr><td>33</td><td>RTS103C1R5M35L201</td><td>10000.0Q±5.0%</td><td>200.0±5.0</td></tr> <tr><td>34</td><td>RTS103C1R5M35L501</td><td>10000.0Q±5.0%</td><td>500.0±10.0</td></tr> <tr><td>35</td><td>RTS103C1R5M35L102</td><td>10000.0Q±5.0%</td><td>1000.0±25.0</td></tr> <tr><td>36</td><td>RTS103C1R5M35L202</td><td>10000.0Q±5.0%</td><td>2000.0±50.0</td></tr> </table>	SL. 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79	RTS103C1R2M6L500	10000.0Ω±2.0%	50.0±5.0																																																																												
80	RTS103C1R2M6L151	10000.0Ω±2.0%	150.0±5.0																																																																												
81	RTS103C1R2M6L201	10000.0Ω±2.0%	200.0±5.0																																																																												
82	RTS103C1R2M6L501	10000.0Ω±2.0%	500.0±10.0																																																																												
83	RTS103C1R2M6L102	10000.0Ω±2.0%	1000.0±25.0																																																																												
84	RTS103C1R2M6L202	10000.0Ω±2.0%	2000.0±50.0																																																																												
85	RTS103C1R5M6L500	10000.0Ω±5.0%	50.0±5.0																																																																												
86	RTS103C1R5M6L151	10000.0Ω±5.0%	150.0±5.0																																																																												
87	RTS103C1R5M6L201	10000.0Ω±5.0%	200.0±5.0																																																																												
88	RTS103C1R5M6L501	10000.0Ω±5.0%	500.0±10.0																																																																												
89	RTS103C1R5M6L102	10000.0Ω±5.0%	1000.0±25.0																																																																												
90	RTS103C1R5M6L202	10000.0Ω±5.0%	2000.0±50.0																																																																												
<div> <div> <div>EXA THERMOMETRICS</div> <div>AN AMPHENOL COMPANY</div> </div> <div>  <div> <div>SCALE</div> <div>NTS</div> </div> <div> <div>UNITS</div> <div>mm</div> </div> <div> <div>SHEET</div> <div>3 OF 3</div> </div> </div> </div>		<div> <div>DRAWING NO:</div> <div>TP/A/23718</div> </div>	<div> <div>CUSTOMER:</div> <div>NA</div> </div>																																																																												
<div> <div>OVER</div> <div>-</div> <div>6</div> <div>30</div> <div>120</div> <div>315</div> <div>1000</div> <div>2000</div> <div>ANGLE (°)</div> <div>RIGHT</div> <div>1</div> </div>		<div> <div>PART NAME:</div> <div>NTC THERMISTOR ASSEMBLY WITH RING TERMINAL</div> </div>	<div> <div>CUST. PART NO.:</div> <div>NA</div> </div>																																																																												
<div> <div>UP TO</div> <div>6</div> <div>30</div> <div>120</div> <div>315</div> <div>1000</div> <div>2000</div> <div>-</div> <div>RIGHT</div> <div>1</div> </div>		<div> <div>ExTI PART NO:</div> <div>REFER TABLE</div> </div>	<div> <div>SPECIAL CHARACTERISTICS</div> <div> <div>TOTAL NUMBER OF SPECIAL CHARACTERISTICS:</div> <div>SC/S - SPECIAL CHARACTERISTICS RELATED TO SAFETY = 0</div> <div>SC/L - SPECIAL CHARACTERISTICS RELATED TO LEGAL AND REGULATORY = 0</div> <div>SC/F - SPECIAL CHARACTERISTICS RELATED TO FUNCTIONS = 0</div> </div> </div>																																																																												
<div> <div>±</div> <div>0.1</div> <div>0.15</div> <div>0.2</div> <div>0.3</div> <div>0.4</div> <div>1.0</div> <div>2.0</div> <div>OTHER</div> <div>1.5</div> </div>			<div> <div>06.01.24</div> <div>02</div> <div>VSN</div> <div>GPM</div> <div>IB</div> </div>																																																																												
<div> <div>The copyright of this Specification / Drawing is the property of Exa Thermometrics and it is issued on the condition that it is not to be copied / reprinted or stored in any electronic retrieval system nor its contents disclosed either wholly or in part to any third party without the consent in writing or with the conditions of a contract .</div> </div>			<div> <div>06.11.23</div> <div>01</div> <div>VSN</div> <div>GPM</div> <div>IB</div> </div>																																																																												
		<div> <div>DATE</div> <div>ISSUE</div> <div>DRAWN</div> <div>CHECKED</div> <div>APPROVED</div> </div>																																																																													

