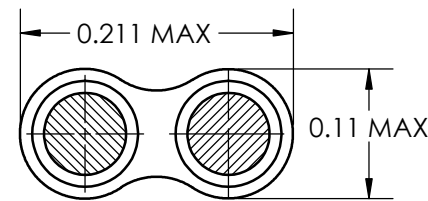
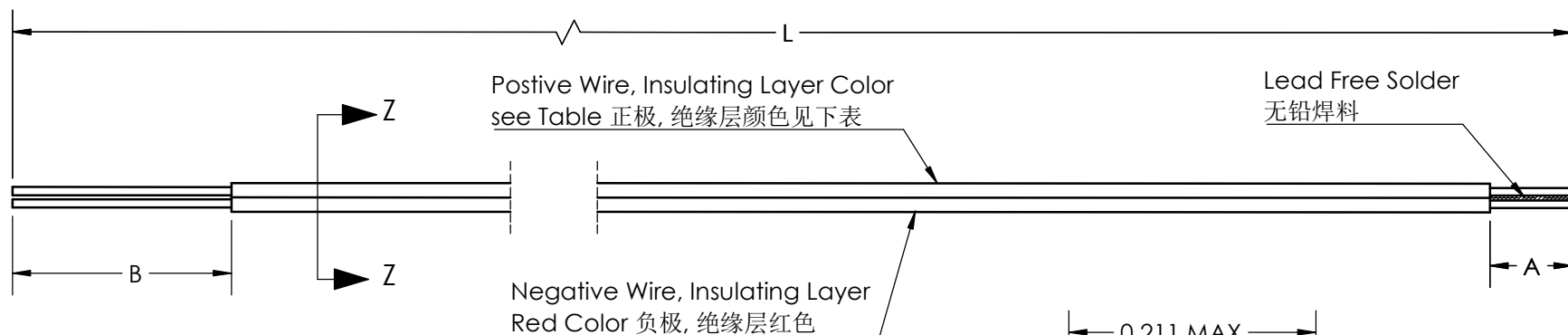


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## REVISIONS

| ECN | REV. | DESCRIPTION       | DATE       | DRAWN      | APPROVED    |
|-----|------|-------------------|------------|------------|-------------|
|     | A    | INITIAL RELEASE   | 2022/06/29 | SALLY DONG | BRENT ZHANG |
|     | A1   | UPDATED THE NOTE1 | 2022/09/19 | SALLY DONG | BRENT ZHANG |



SECTION Z-Z  
SCALE X: 1

### NOTES:

- Filaments must be separable without removal of insulation.  
丝线必须能在不破坏绝缘层的情况下剥离开
- Temperature operating range: All specification must apply over the temperature range of 0 to 180°C.  
工作温度范围: 全部技术参数均正常应用于0~180°C
- Maximum temperature error:  $\pm 1.0^{\circ}\text{C}$  over the temperature range.  
最大温度误差: 全工作温度范围 $\pm 1.0^{\circ}\text{C}$
- Units to be provided in non-lint producing package that protects units from tangling, damage, and packaging residue.  
产品用指定的包装包材以保护产品不出现缠绕、损坏、和包材残留的问题
- Material:
  - Thermocouple wire : Bifilar, type T, 40AWG, color see the table.  
热电偶线: 双股、T型, 40AWG, 颜色如表
  - Thermocouple joint: 95~99% solder, lead free.  
热电偶结合点: 95~99%的焊料, 不含铅
- Rohs and Reach compliance.  
Rohs 和 Reach 合规

TC T  
40 AWG

+ Blue/Gold/Black/Pink  
(蓝色、金色、黑色、粉色)

- Red(红色)

|                                                                                                                                                                        |                                          |                                 |          |                    |                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------|----------|--------------------|---------------------------|
| 20022710-00                                                                                                                                                            | Type T Thermocouple/MTC, Blue&Red 40AWG  | 1800 $\pm$ 76                   | 1.27 MAX | 13 $\pm$ 6         | 168.5~208.6               |
| 20022709-00                                                                                                                                                            | Type T Thermocouple/MTC, Gold&Red 40AWG  |                                 |          |                    |                           |
| 20022708-00                                                                                                                                                            | Type T Thermocouple/MTC, Black&Red 40AWG |                                 |          |                    |                           |
| 20022707-00                                                                                                                                                            | Type T Thermocouple/MTC, Pink&Red 40AWG  |                                 |          |                    |                           |
| Part Number                                                                                                                                                            | Description                              | L/mm                            | A/mm     | B/mm               | Loop Resistance/ $\Omega$ |
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC (MM). TOLERANCES ON:<br>FRACTION = $\pm 1/64$<br>ANGLES = $\pm 1^{\circ}$<br>XX = $\pm 0.15$<br>XXX = $\pm 0.005$ |                                          | FIRST ANGLE PROJECTION          |          |                    |                           |
|                                                                                                                                                                        |                                          | DRAWN SALLY DONG 2022/09/19     |          |                    |                           |
| MATERIAL: NA                                                                                                                                                           |                                          | CHECKED JANE CHE 2022/09/19     |          |                    |                           |
| FINISH: NA                                                                                                                                                             |                                          | APPROVED BRENT ZHANG 2022/09/19 |          |                    |                           |
|                                                                                                                                                                        |                                          | SIZE A4                         | CAGE NO  | DWG. NO. AC00492-C | REV A1                    |
| SCALE: X:1 (DO NOT SCALE DRAWING)                                                                                                                                      |                                          |                                 |          |                    | SHEET 1 OF 1              |



TITLE

TYPE T THERMOCOUPLE 40AWG