

特征 Features

| | |
|----------------|--------------------------|
| 可焊性好 | Excellent Solderability |
| 符合RoHS、REACH要求 | RoHS and REACH compliant |
| 特殊规格可以订做 | Customizable |

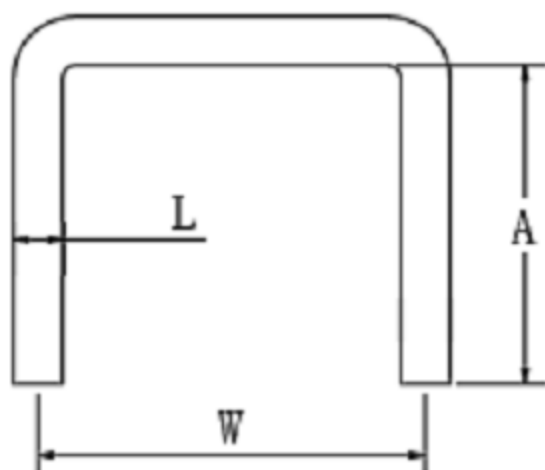


应用范围 Applications

| | |
|-------|--------------------------|
| 电流采样 | Current Sensing |
| 导流 | Diversion current |
| 大电流应用 | High current application |

标准尺寸规格 Standard Size

| L/mm | W/mm | A/mm |
|---------|------|---------|
| 0.5~3.0 | 3~50 | 4.0±0.2 |



订货提供:

- 1.线径或板孔大小" L"
- 3.跨距" W"

- 2.额定电流
- 4.高度范围" A "

NOTE:

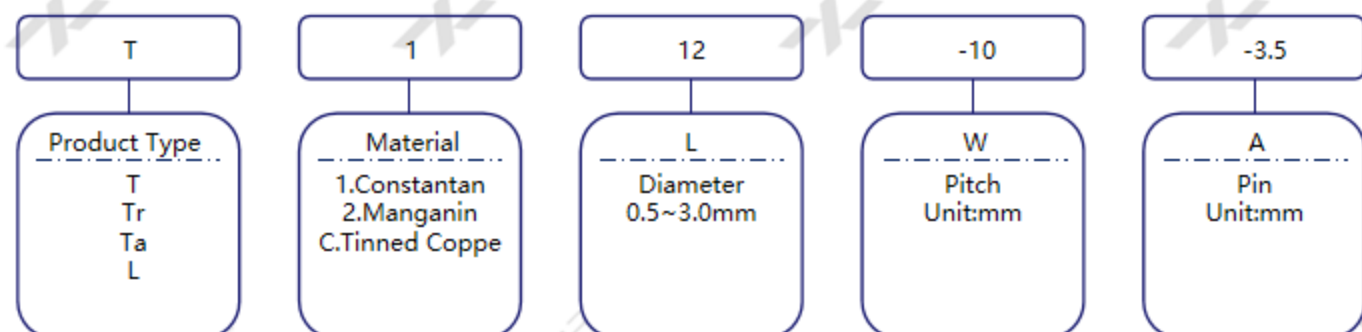
Contact YeZhan for:

- 1.Variations of "L"
- 2.Rated current
- 3.Variations of "W"
- 4.Variations of "A"

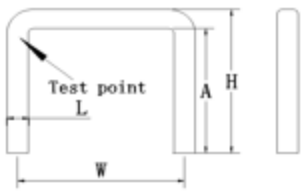
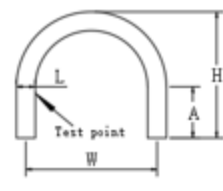
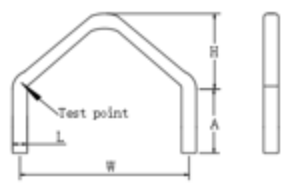
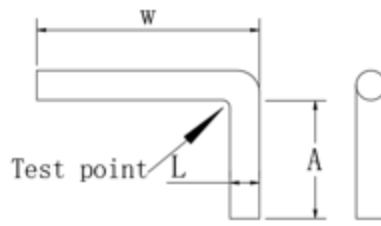
跳线型 (T) 采样电阻线径、跨距及大概阻值 (mΩ) 对照表 T Type Resistance Data

| W/R/L | 3 | 5 | 8 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 40 | 50 |
|-------|-----|------|------|------|------|------|------|------|------|------|------|------|
| 3.0 | | | | 1 | 1.1 | 1.3 | 1.5 | 1.6 | 1.9 | 2.3 | 2.9 | 3.5 |
| 2.5 | | | | 1.1 | 1.3 | 1.3 | 1.9 | 2.1 | 2.6 | 3.1 | 4.0 | 5.0 |
| 2.3 | | | 1.1 | 1.4 | 1.6 | 1.9 | 2.3 | 2.5 | 3.1 | 3.6 | 4.8 | 5.9 |
| 2.0 | | | 1.5 | 1.8 | 2.1 | 2.5 | 3.0 | 3.3 | 4.0 | 4.7 | 6.2 | 7.7 |
| 1.8 | | 1.3 | 1.8 | 2.2 | 2.6 | 3.1 | 3.7 | 4.1 | 5.0 | 5.9 | 7.8 | 9.6 |
| 1.6 | | 1.6 | 2.3 | 2.8 | 3.3 | 4.0 | 4.7 | 5.1 | 6.3 | 7.5 | 9.8 | 12.2 |
| 1.5 | 1.3 | 1.9 | 2.7 | 3.2 | 3.7 | 4.5 | 5.3 | 5.9 | 7.2 | 8.5 | 11.2 | 13.8 |
| 1.4 | 1.5 | 2.1 | 3.1 | 3.7 | 4.3 | 5.2 | 6.1 | 6.7 | 8.2 | 9.8 | 12.9 | 15.9 |
| 1.3 | 1.8 | 2.5 | 3.5 | 4.3 | 5.0 | 6.0 | 7.1 | 7.8 | 9.3 | 11.3 | 14.9 | 18.4 |
| 1.2 | 2.1 | 2.9 | 4.2 | 5.0 | 5.8 | 7.1 | 8.3 | 9.1 | 11.2 | 13.3 | 17.5 | 21.6 |
| 1.1 | 2.5 | 3.5 | 4.9 | 5.9 | 6.9 | 8.4 | 9.9 | 10.9 | 13.4 | 15.8 | 20.8 | 25.7 |
| 1.0 | 2.9 | 4.2 | 6.0 | 7.2 | 8.4 | 10.2 | 12.0 | 13.2 | 16.2 | 19.2 | 25.1 | 31.1 |
| 0.9 | 3.2 | 4.5 | 7.0 | 8.4 | 9.9 | 12.1 | 14.3 | 15.8 | 19.5 | 23.2 | 30.6 | 38 |
| 0.8 | 3.7 | 5.6 | 8.4 | 10.3 | 12.2 | 15.0 | 17.8 | 19.6 | 24.3 | 29.0 | 39.4 | 47.7 |
| 0.7 | 4.9 | 7.3 | 11.0 | 13.4 | 15.9 | 19.6 | 23.2 | 25.7 | 31.8 | 37.9 | 50.1 | 62.3 |
| 0.6 | 6.7 | 10.0 | 15.0 | 18.3 | 21.6 | 26.6 | 31.6 | 34.9 | 43.2 | 51.6 | 68.2 | 84.8 |
| 0.5 | 7.9 | 11.9 | 17.8 | 21.8 | 25.7 | 31.7 | 37.6 | 41.6 | 51.5 | 61.3 | 81.1 | 101 |

订购信息 Ordering Information



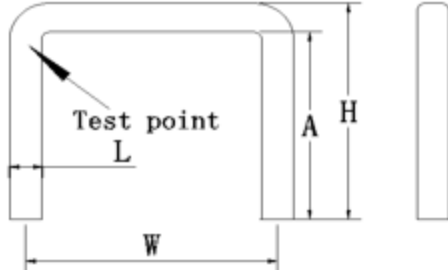
| 代号 Symbol | 材料 Materials | 电阻率 Resistance Rate |
|--------------|----------------------|-------------------------------|
| 1 | 康铜 Constantan | $48\mu\Omega \cdot \text{cm}$ |
| 2 | 锰铜 Manganin | $44\mu\Omega \cdot \text{cm}$ |
| c | 镀锡铜 Tinned Copper | / |

| 代号 Symbol | 示例图 Sample graph | 代号 Symbol | 示例图 Sample graph |
|--------------|---|--------------|---|
| T |  | Tr |  |
| Ta |  | L |  |

工作特性 Performance Data

电阻温度系数 α TCR $\times 10^{-6}/^{\circ}\text{C}$ 40 (Constantan/ Manganin)
对铜热电势 EMF (0-100 $^{\circ}\text{C}$) $\mu\text{V}/^{\circ}\text{C}$ 40 (Constantan) / 1 (Manganin)

产品尺寸和性能 Product Size And Performance

| 项目 Items | 参数 Parameters |
|---------------------|--|
| 材料 Material | 镀锡铜 Tinned Copper |
| 图解 Diagrammatize |  |
| A | 3.5mm±0.5mm |
| H | 4.7mm±0.5mm |
| W | 10mm±0.2mm |
| L | 1.2mm±0.1mm |
| 阻值 Value | / |

» 耐久性测试 Endurance Test

| Items | Additional Requirements | Reference | Limits |
|---------------------|---|---------------------------|--------|
| Operational Life | 70±2°C, 1000h Rated voltage (90 min ON, 30 min OFF) | MIL-STD-202 Method 108 | ±1% |
| Biased Humidity | 1000hrs 85°C/85%RH. Note:Specified conditions:10% of operating power. | MIL-STD-202 Method 103 | ±1% |
| Temperature Cycling | 1000 Cycles(-55°C to +125°C) | JESD22 Method JA-104 | ±1% |

» 包装 Packaging

散装, 内外双包装 Bulk, Internal And External Package

» 版本信息 Version History

| 版本 Version | 日期 Date | 修订描述 Description of amendment | 拟定 Draft | 审核 Checked |
|---------------|-------------|----------------------------------|-------------|---------------|
| A1.0 | 21-Sep-2022 | 首版发行 | 张雅兰 | 胡紫阳 |
| A1.1 | 10-May-2023 | 增加代码图片 | 张雅兰 | 胡紫阳 |

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