

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

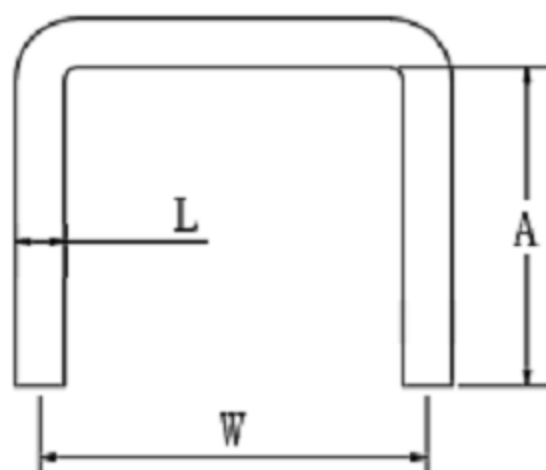


应用范围 Applications

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:

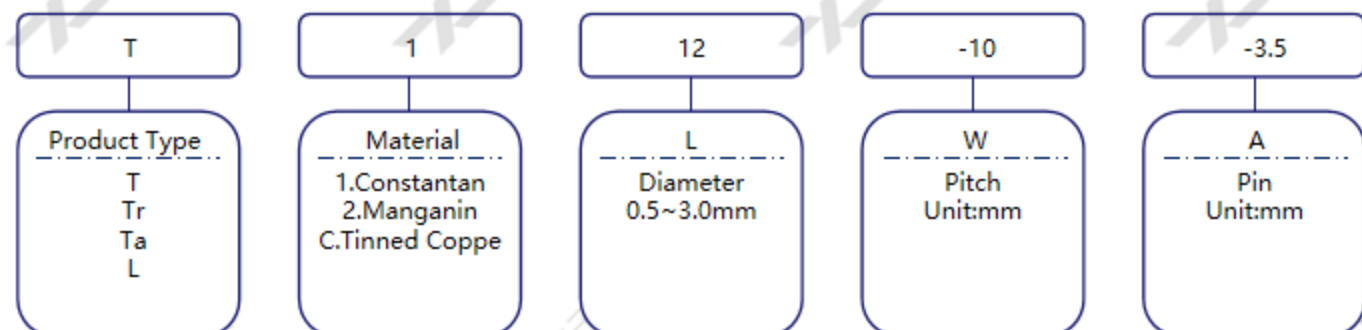
Contact YeZhan for:

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

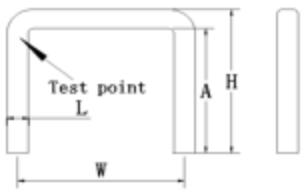
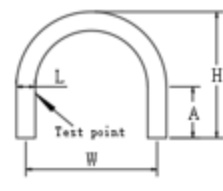
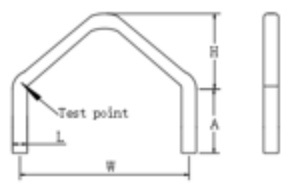
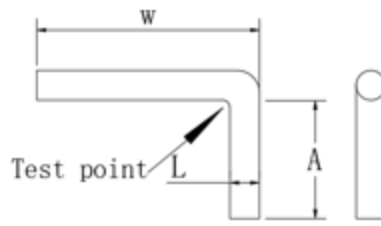
跳线型 (T) 采样电阻线径、跨距及大概阻值 (mΩ) 对照表 T Type Resistance Data

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	/

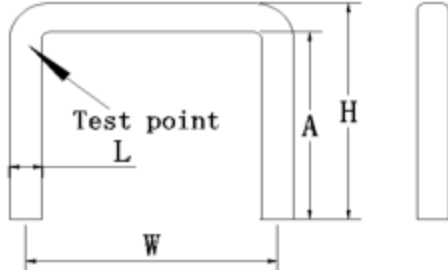
代号 Symbol	示例图 Sample graph	代号 Symbol	示例图 Sample graph
T		Tr	
Ta		L	

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