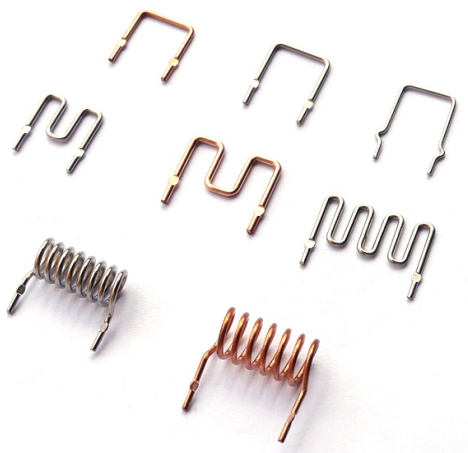


适用：本规格书适用于深圳市毫欧电子有限公司压脚型采样电阻。

## 特点 Features

- 功率1~5W  
1to5watt
- 精度±2%、±5%和±10%  
Tolerance±2%、±5%and±10%
- 温度系数TCR: ≤50ppm/°C  
resistance wire TCR≤50ppm/°C
- 低电感  
Low Inductance
- 符合ROHS 要求  
Lead-free
- 特殊规格可以订做  
Special tolerance is available on request

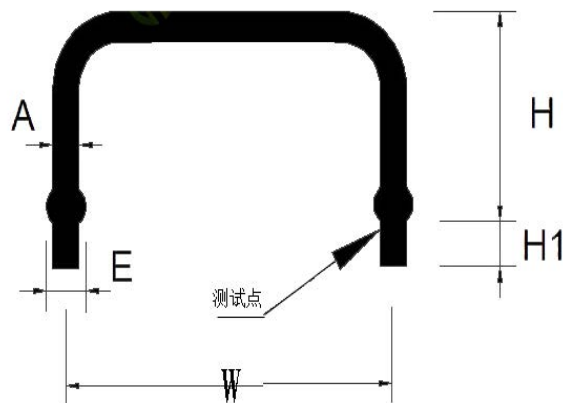


## 尺寸 Dimensions

| A线径 /mm | W跨距/ mm | H标高/ mm | H1脚长/mm | E压脚/mm  |
|---------|---------|---------|---------|---------|
| 0.5~4.0 | 5~100   | 5~50    | 3.0~4.5 | 1.0~4.8 |

订货提供 NOTE: contact Ho for:

- 1、线径或板孔大小  
Wire diameter of "A"
- 2、额定电流  
Rated current
- 3、跨距  
Span of "W"
- 4、阻值  
Resistance
- 5、其它特殊要求（板高、脚长等）  
Other special requirements (board height, foot length, etc.)



地址：深圳市龙华新区观澜大布头路南通邦高新产业园A栋8楼

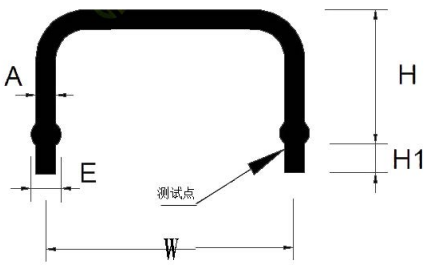
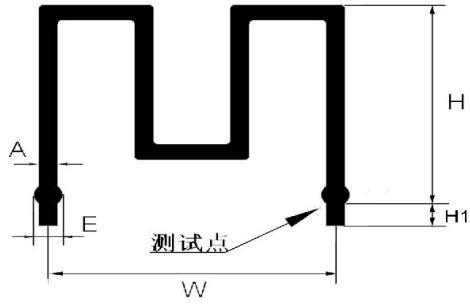
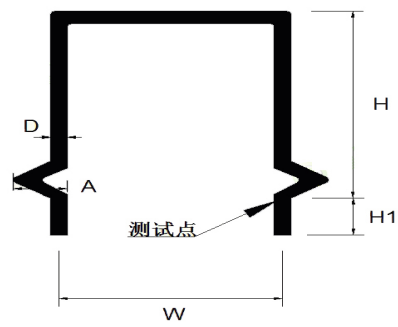
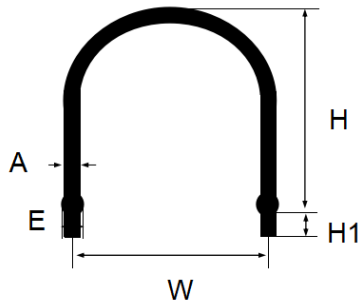
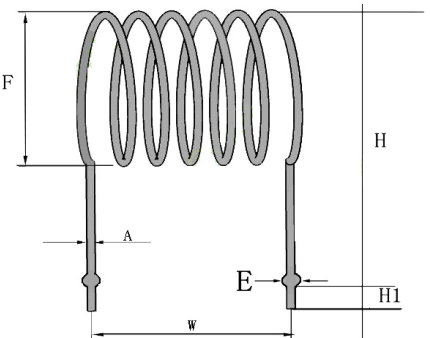
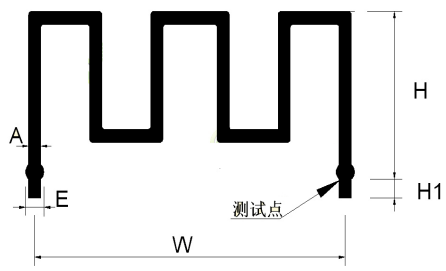
## 产品型号 Product number

| Ho                        | K                                                                | 10                                  | 20                           | 20               | U                                                                                  | X                                    |
|---------------------------|------------------------------------------------------------------|-------------------------------------|------------------------------|------------------|------------------------------------------------------------------------------------|--------------------------------------|
| 供应商<br>Supplier           | 材料<br>Material                                                   | 线径<br>Diameter                      | 脚距<br>Pitch                  | 阻值<br>Resistance | 形状<br>shape                                                                        | 其它特殊要求<br>Other special requirements |
| 毫欧电子<br>Milliohm electron | 康铜K:<br>constantan<br>锰铜M:<br>Manganin<br>铜镍Ni:<br>Copper nickel | 08:φ0.8mm<br>10:φ1.0mm<br>15:φ1.5mm | 08:8mm<br>20:20mm<br>25:25mm | 20mR<br>50mR     | U:U shape<br>M:M shape<br>M2:M2 shape<br>LX:LX shape<br>UZ:UZ shape<br>HX:HX shape |                                      |

❖ EX:HoK1020-20-U

注：压脚型采样电阻可定制成下图各种形状。

特殊形状可联系“毫欧电子”为您定制。Special shapes can be customized by contacting "HAO OU".

|    |                                                                                     |                                                                                      |    |
|----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----|
| U  |   |   | M  |
| UZ |  |  | HX |
| LX |  |  | M2 |

地址：深圳市龙华新区观澜大布头路南通邦高新产业园A栋8楼

压脚型采样电阻产品选型表 Selection table of presser foot type sampling resistor products

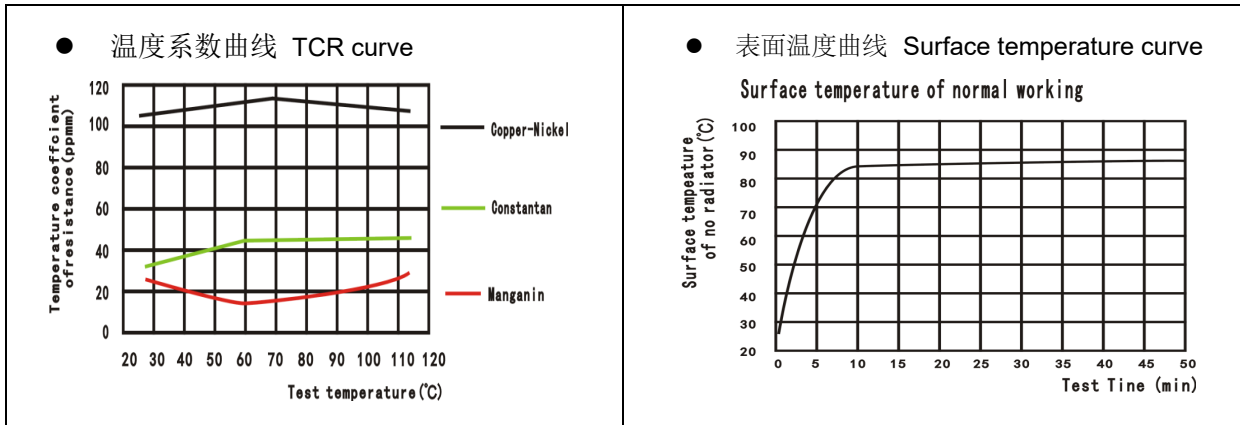
| 项目<br>线径φ/mm | 脚距/mm |     | 阻值/mR  | 材料                   |
|--------------|-------|-----|--------|----------------------|
|              | Min   | Max |        |                      |
| 0.5          | 5     | 100 | Max500 | 6J12<br>6J16<br>6J40 |
| 0.6          | 5     | 100 | Max500 |                      |
| 0.8          | 5     | 100 | Max500 |                      |
| 1.0          | 5     | 100 | Max500 |                      |
| 1.2          | 5     | 100 | Max300 |                      |
| 1.5          | 8     | 100 | Max300 |                      |
| 1.6          | 8     | 100 | Max100 |                      |
| 1.8          | 8     | 100 | Max100 |                      |
| 2.0          | 8     | 100 | Max100 |                      |
| 2.5          | 8     | 100 | Max100 |                      |
| 3.0          | 10    | 100 | Max100 |                      |

## 工作特性 Performance Data

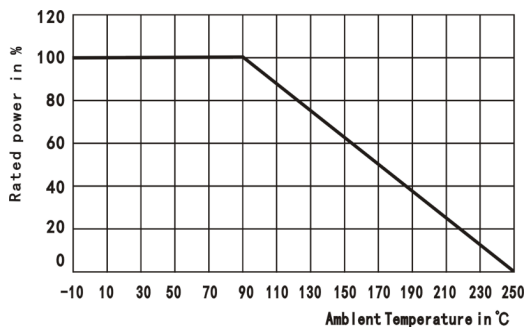
| TEST试验                    | CONDITIONS OF TEST试验条件                                      | TEST LIMITS试验限值                     |
|---------------------------|-------------------------------------------------------------|-------------------------------------|
| Thermal Shock             | -55℃ to150℃ ,100 cycles ,15min at each extreme              | $\pm (1.0\%+0.0005\Omega) \Delta R$ |
| Shot time overload        | 2xrated power for 5s                                        | $\pm (0.5\%+0.0005\Omega) \Delta R$ |
| Low temperature storage   | -65℃ for 45 min                                             | $\pm (0.5\%+0.0005\Omega) \Delta R$ |
| High temperature exposure | 1000 h at +170℃                                             | $\pm (1.0\%+0.0005\Omega) \Delta R$ |
| Biased humidity           | +85℃85% RH, 10% bias,1000 h                                 | $\pm (0.5\%+0.0005\Omega) \Delta R$ |
| Mechanical shock          | 100 g's for 6 ms, 5 pulses                                  | $\pm (0.5\%+0.0005\Omega) \Delta R$ |
| Vibration                 | Frequency varied 10 Hz to 200 Hz in 1 min, 3directions,12h  | $\pm (0.5\%+0.0005\Omega) \Delta R$ |
| Resistance to solder heat | 1000 h at + 70 ℃, 1.5 h "ON"<br>0.5 h "OFF"                 | $\pm (1.0\%+0.0005\Omega) \Delta R$ |
| Resistance to solder heat | + 260 ℃ solder, 10 s to 12 s dwell, 25 m /s emergence       | $\pm (0.5\%+0.0005\Omega) \Delta R$ |
| Moisture resistance       | MIL-STD-202, method 106, 0 % power, 7a and 7b not re-quired | $\pm (0.5\%+0.0005\Omega) \Delta R$ |

地址：深圳市龙华新区观澜大布头路南通邦高新产业园A栋8楼

## 电气性能 Electrical Features



## 功率曲线 Power Derating



## 产品特点 Product features

- 1、压脚工艺，便于焊接前先在电路板上固定 pressor foot design for easily fixed on PCB before welding;
- 2、使用温度范围较宽 high temperature proof ;
- 3、无感型设计，电感小于10纳亨 non-inductance design, less than 10 nanohenries;
- 4、引脚易于锡焊 easily solderable。
- 5、符合ROHS要求 Meet ROHS requirements

## 应用范围 Applications

- 电流采样 Current Sensing
- 低电感电路 Low Inductance
- 大电流脉冲电路 Surge and pulse
- 家电控制器 Home Appliance
- 汽车电子 Automotive electronics
- 医疗设备 Medical equipment
- 通讯系统 Communication system

## 包装方式 Packaging

- 散装，每包2000PCS或自定义
- Bulk, 2000pcs per package or customized

地址：深圳市龙华新区观澜大布头路南通邦高新产业园A栋8楼