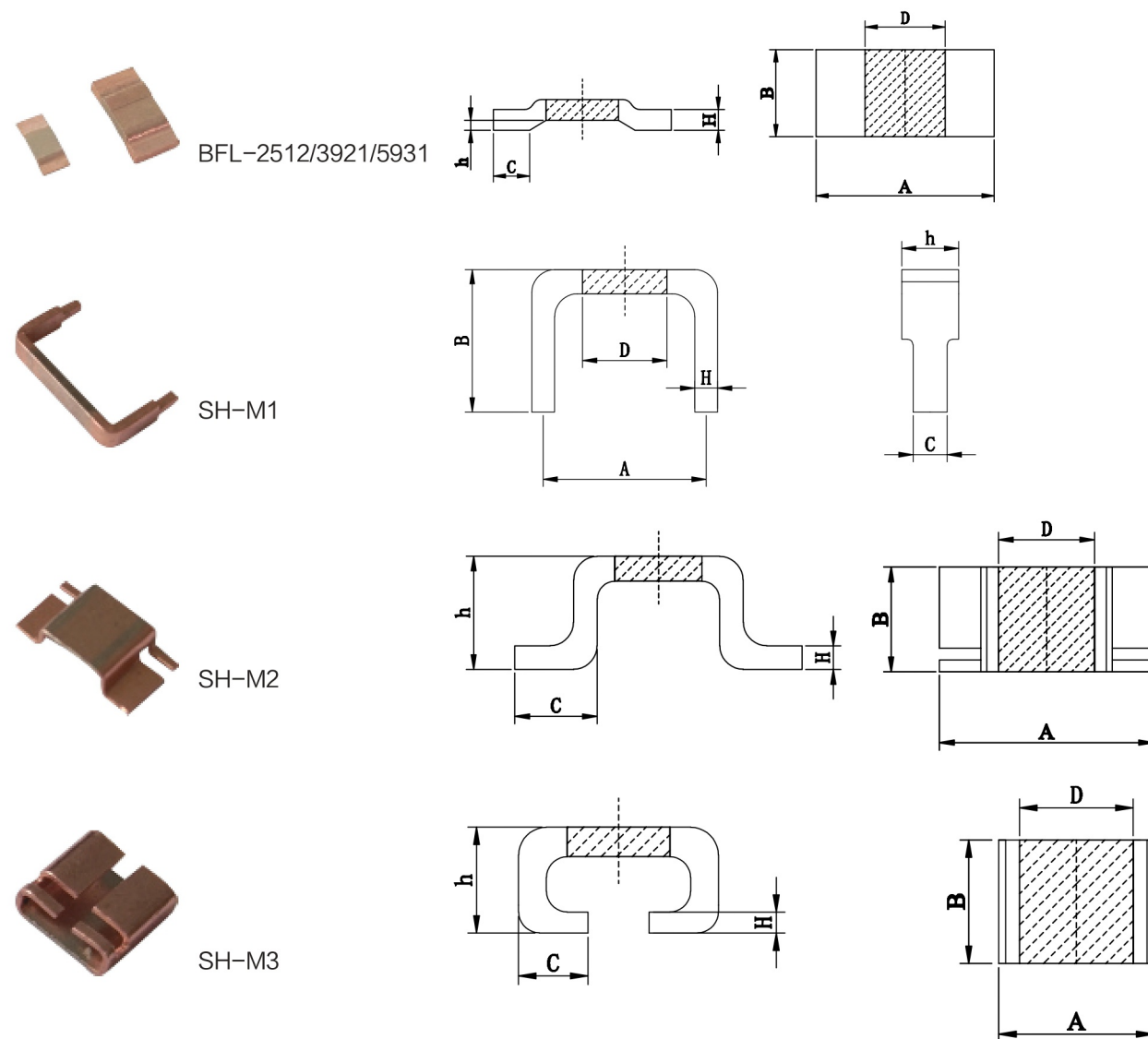


## BFL 高能电子束焊精密分流器 0.5W-7W

BFL Large Electron Beam Welding Precision Shunts 0.5W-7W



### 产品特点 Features

- 高精度 - 低温度系数  
Close tolerances - Low T.C.R
- 低阻值、低电感  
Low resistance and low inductance
- 电阻体采用高能电子束焊接工艺  
E-beam welded in manganin material
- 尺寸小、重量轻  
small size and light weight

### 应用范围 Applications

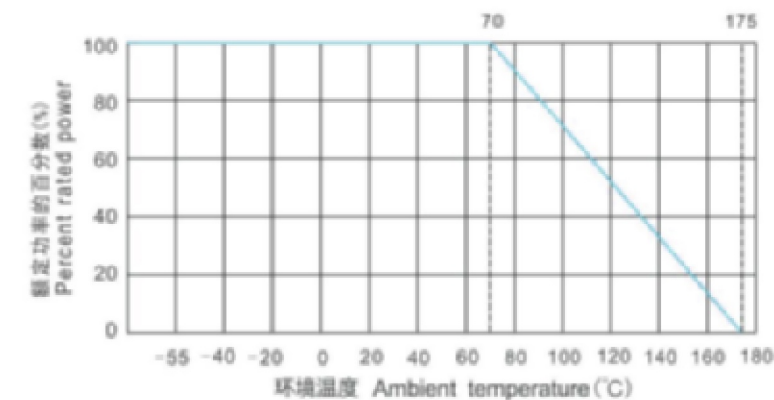
- 电力分配, 负荷测试  
Electric power distribution, load test
- 用于电源等回路的限流、均流或取样检测  
Applied for current limited current balance or sampling for testing
- 适用于功率电源, 变频电源等领域  
Ideal for functional power supply, Inverter power supply etc
- 广泛应用于电能表、仪器仪表行业  
Widely used in electric energy meter, instrumentation industry

BFL Large Electron Beam Welding Precision Shunts 0.5W-7W

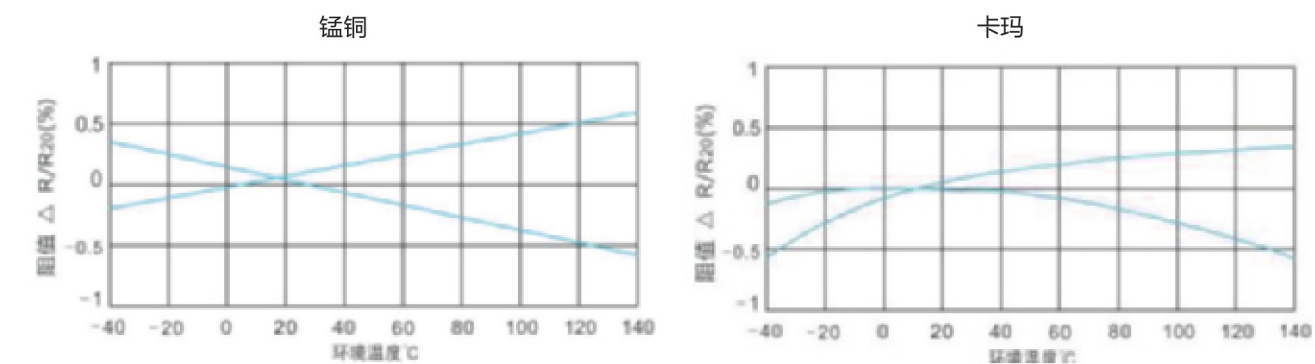
### 主要性能技术指标 Main specification

| 型号<br>Type | 功率<br>Power | 阻值范围<br>Range | 精度<br>Tolerance | 温度系数<br>TCR | 外形尺寸 Dimensions ( mm ) |               |               |               |         |               | 材料<br>Material                 |
|------------|-------------|---------------|-----------------|-------------|------------------------|---------------|---------------|---------------|---------|---------------|--------------------------------|
|            |             |               |                 |             | A<br>±<br>0.2          | B<br>±<br>0.2 | C<br>±<br>0.2 | D<br>±<br>0.2 | H       | h<br>±<br>0.2 |                                |
| 2512       | ≤ 7W        | 0.1~10mΩ      | 1%<br>5%<br>10% | ≤ 50Ppm/℃   | 6.35                   | 3.05          | 1.15          | 3.0           | 0.2~1.2 | 0.5           | 锰铜<br>Manganin/<br>卡玛<br>Kumar |
| 3921       |             |               |                 |             | 10                     | 5.2           | 2.0           | 5.2           | 0.2~1.5 | 0.5           |                                |
| 5931       |             |               |                 |             | 15                     | 7.75          | 4.0           | 6.2           | 0.2~1.5 | 0.5           |                                |
| SH-M1      |             |               |                 |             | 8.2                    | 6             | 1.4           | 5             | 0.2~1.5 | 5             |                                |
| SH-M2      |             |               |                 |             | 6.9                    | 6.6           | 2.5           | 5             | 0.2~1.2 | 3             |                                |
| SH-M3      |             |               |                 |             | 12                     | 6.6           | 3             | 5             | 0.2~1.2 | 3             |                                |

### 降功耗曲线 Derating curve



### 阻值随温度变化曲线 Resistance change vs temperature



### 订货示例 How to order

| 产品型号<br>Type | 功率<br>Power | 标称阻值<br>Nominal value | 精度<br>Tolerance |
|--------------|-------------|-----------------------|-----------------|
| BFL2512      | 2W          | 0.5mR                 | ± 1%            |