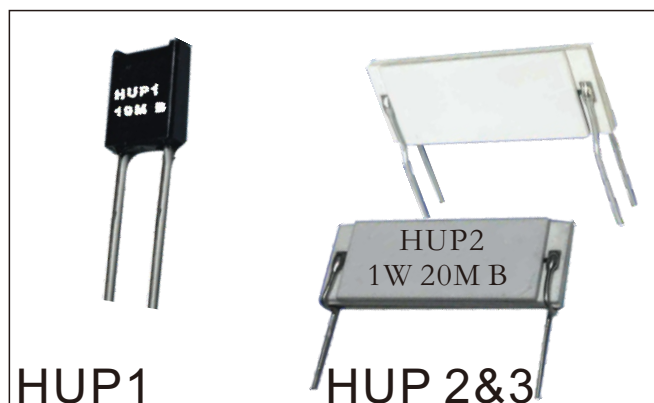




● 特性Features

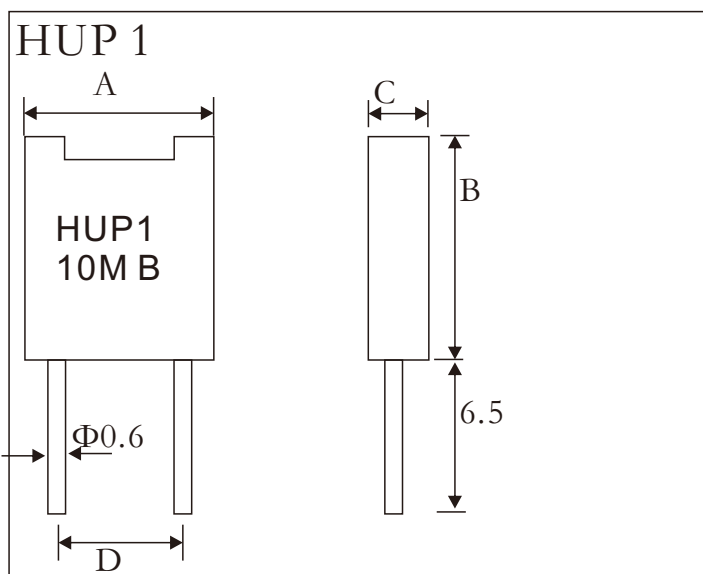
- I 阻值精度可达0.02%
Close tolerance up to 0.02%
- II 最高耐压5KV
Voltage rating to 5KV.
- III 阻值范围500K Ω -100M Ω
Resistance range 500K Ω -100M Ω
- IV 温度系数可达 $\pm 2\text{ppm}/^\circ\text{C}$
TCR as low as $\pm 2\text{ppm}/^\circ\text{C}$

● 应用Applications

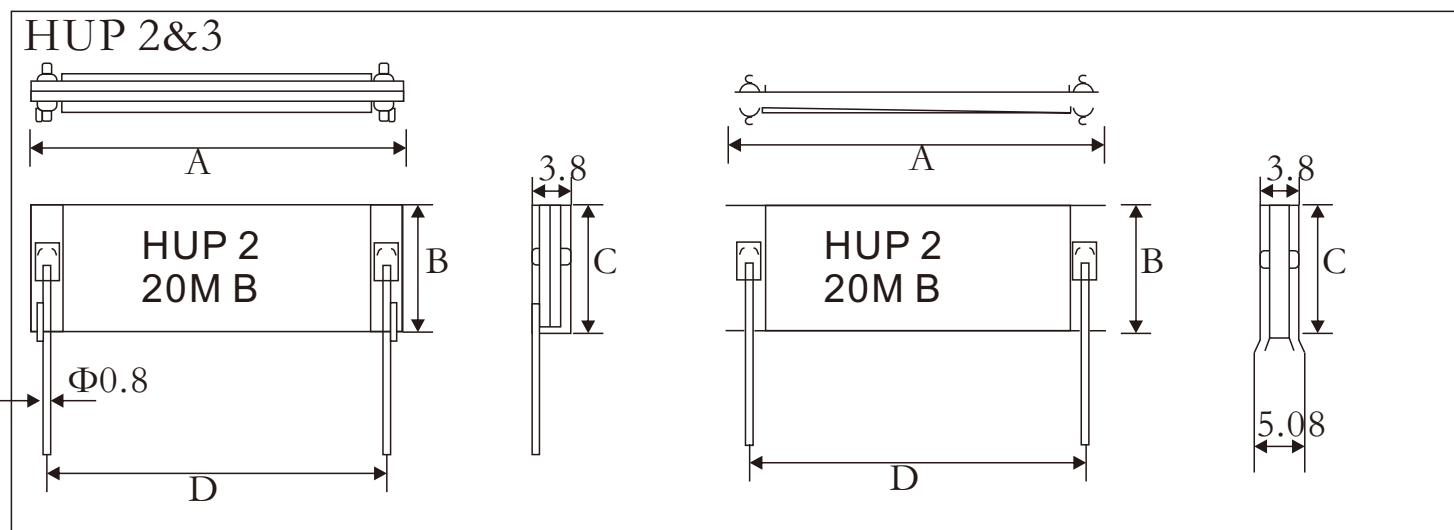
HUP系列电阻特别适用于各种高精密，高压仪器仪表，能完美提高各种模拟电子设备品质，并具有很高的可靠性和耐压性能

HUP series resistors are especially suitable for a variety of high-precision, high-voltage instrumentation, which can perfectly improve the quality of various analog electronic devices, and have high reliability and voltage withstanding ability

● 尺寸Dimensions



型号 Type	功率 Power (W)	尺寸Dimensions(mm)			
		A ± 0.5	B ± 0.5	C(max)	D ± 0.5
HUP1	1/4W	7.7	9.1	2.6	5.08
HUP2	1/2W	19.0	10.8	11.3	15.24
HUP12D	1/2W	19.0	9.50	10.8	15.24
HUP3	1W	38.0	14.0	14.5	34.30
HUP3D	1W	38.0	12.7	14.0	34.30



● 功率、阻值与耐电压Applications And Ratings

型号 Type	功率范围 Power(W)	阻值范围 Resistance Range(Ω)	最大工作电压 Max. operating voltage(V)	精度范围 Tolerance range	温度系数 T.C.R
HUP1	1/4W	1K Ω ~100M Ω	500VDC	B $\pm$ 0.1% W $\pm$ 0.05%	$\pm$ 2ppm/ $^{\circ}$ C $\pm$ 5ppm/ $^{\circ}$ C
HUP2	1/2W	100 Ω ~100M Ω	2500VDC	B $\pm$ 0.1%	
HUP2D	1/2W	100 Ω ~100M Ω	2500VDC	D $\pm$ 0.02%	
HUP3	1W	100 Ω ~100M Ω	5000VDC	W $\pm$ 0.05%	
HUP3D	1W	100 Ω ~100M Ω	5000VDC		

● 性能Performance

TCR measure between:	25 $^{\circ}$ C -90 $^{\circ}$ C 1ppm/ $^{\circ}$ C on request.
Resistance measure at:	23 $\pm$ 2 $^{\circ}$ C
Load life:	Δ R $\leq$ 0.05%,rated power. 2000hours
Operating temperature:	-40 $^{\circ}$ C to+125 $^{\circ}$ C
Thermal Shock:	Δ R $\leq$ 0.01% Mil-sid-202 Method 107
Voltage Coefficient:	VCR $\geq$ 0.02ppm/V

● 料号编号 ordering Information

例 example

HUP	3	B	100M00	$\pm$ 2ppm/ $^{\circ}$ C
产品名称 Product Name	功率 Power	精度 Tol	阻值 Ohm	温度系数 T.C.R
HUP精密低温 系数高压电阻器	1=1/4W 2=1/2W 3=1W	B= $\pm$ 0.1% D= $\pm$ 0.02% W= $\pm$ 0.05%	100R00=100 Ω 100M00=100M Ω	$\pm$ 2ppm/ $^{\circ}$ C $\pm$ 5ppm/ $^{\circ}$ C