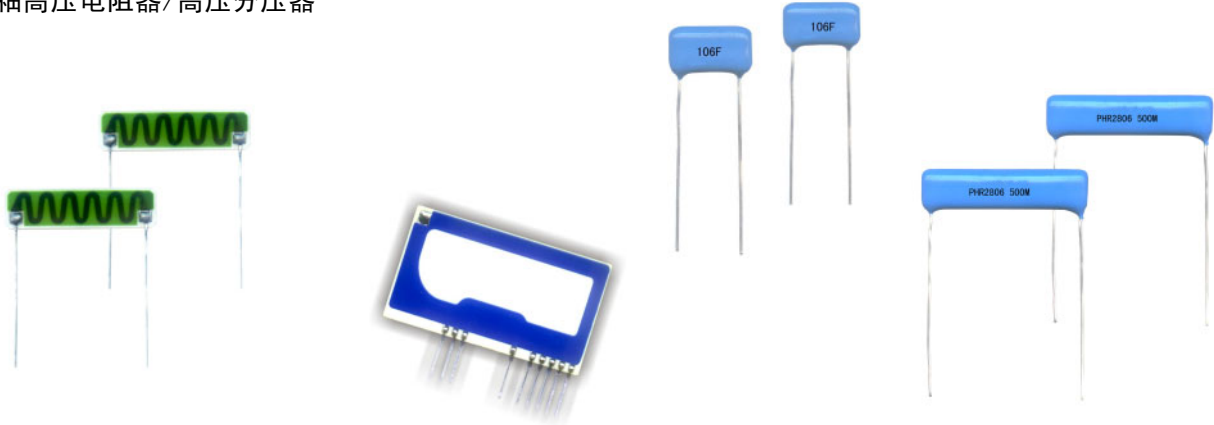


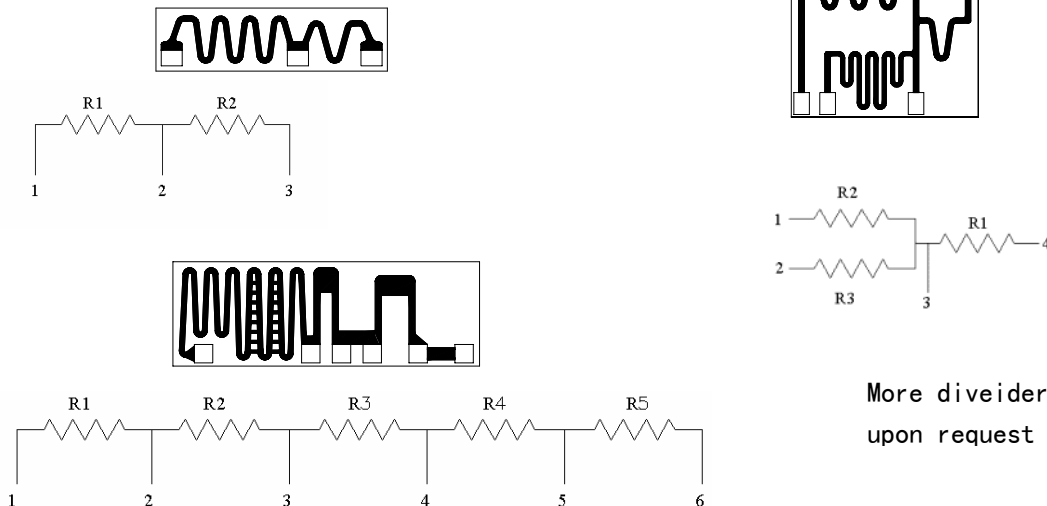
### Cermet High Voltage Resistors and Dividers 玻璃釉高压电阻器/高压分压器



#### 产品特点 Features:

※ 厚膜工艺	Thick film on Aluminum	>96% Al <sub>2</sub> O <sub>3</sub>
※ 片式设计	Flat Style	
※ 无电感	Non Inductive Design	
※ 低电阻噪音	Low Resistor Noise	
※ 使用温度范围	Temperature Range	-55°C ~ +125°C (higher temp. upon request)
※ 低温度系数	Low TCR Available	Typ. 250ppm (100ppm/50ppm or tighter upon request)
※ 可提供低电压系数设计	Low VCR	1ppm / 5ppm / 10ppm upon Request
※ 耐高电压	High Voltage Withstand	Up to 30KV
※ 电阻阻值范围	Resistance Range:	1KΩ ~ 10GΩ
※ 阻值偏差	Resistance Tolerance:	±1% ~ ±30%
※ 易焊接引线 (镀锡铜线)	Solderable Leads: (Tin coated copper leads)	Typ. φ 0.5 (φ 0.6 / φ 0.8 upon request)
※ 可提供分压设计	Divider Design upon Request:	
※ 多种封装	Different Coating Available	Glass / Epoxy resin / Silicon
※ 无铅化生产	Pb-free Production	Meet RoHS

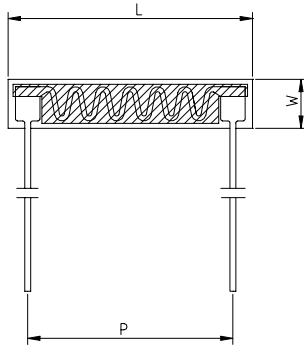
#### 分压设计 Dividers:



More divider designs  
upon request

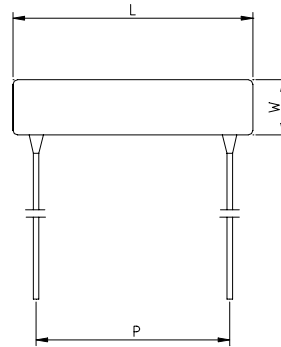
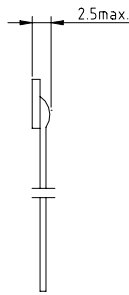
### Cermet High Voltage Resistors and Dividers 玻璃釉高压电阻器/高压分压器

#### 外形尺寸 Dimensions:



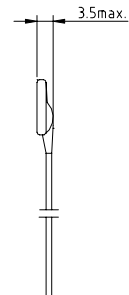
印刷玻璃封装

Printing glass package



环氧树脂封装

Epoxy resin package



#### 型号规格 Specifications:

型号 Type	额定功率 Rated Power P(W)*	最高工作电压 Max Oper. Volt. E(Kv)*	外形尺寸 Dimensions in mm						阻值范围 Resistance Range R(MΩ)
			玻璃封装 Glass package			环氧树脂封装* Epoxy resin package			
			L	W	P	L max.	W max.	P	
PHR1005	0.5	5	10	5	7.8	11	6	7.8	1-500
PHR2206	1	10	22	6	19	23	7	19	10-1000
PHR2505	1	10	25	5	21	26	6	21	10-1000
PHR2806	1	12	28	6	24.5	29	7	24.5	10-1000
PHR2814	2	20	28	14	24.1	29	15	24.1	10-1000
PHR3008	2	20	30	8	25.5	31	9	25.5	10-1000
PHR3308	2	20	33	8	29	34	9	29	10-2000
PHR4015	2.2	30	40	15	35	41	16	35	10-2000
PHR4017	2.5	30	40	17	35	41	18	35	10-2000
PHR5015	2.5	30	50	15	45.5	51	16	45.5	10-2000
PHR5017	3	30	50	17	45.5	51	18	45.5	10-2000
PHR5025	4.5	30	50	25	45.5	51	26	45.5	10-2000
PHR6609	3	30	66	9	62.5	67	10	62.5	10-2000

#### 注 Notes:

\* 环氧树脂在引线上的高度一般为 2mm.

Epoxy resin coating can be extended to 2mm down leads.

\* 最高工作电压是指电阻器封装于环氧树脂或浸没在硅油中可持续加载的电压。

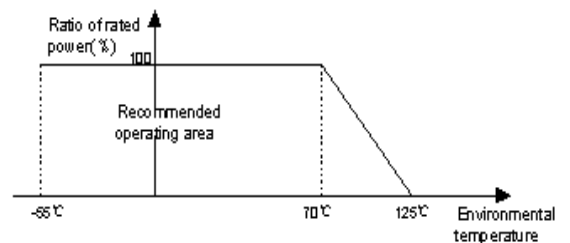
E: Max voltage applied when the resistor is used in silicon oil or sealed with epoxy resin.

\* 电阻 (R), 电压 (E), 功率 (P) 由关系式  $E = \sqrt{PR}$  决定, 且 E 和 P 都小于上表的值。

Resistance (R), Voltage (E) and Power (P) are determined by  $E = \sqrt{PR}$

(E, P must be less than data in the list above.)

#### 降功耗曲线 Derating curve:



#### 订购

订购时, 请指明产品型号、阻值、精度、分压比例、封装方式等信息; 如有特殊要求请与我们联系。

When ordering, please indicate us Type, Resistance, Tolerance, Voltage Ratio and Package etc, you request.

For custom design, please contact us directed.