

RI80c

柱状高阻高压电阻器
CYLINDRICAL HIGH OHM AND VOLTAGE RESISTOR

特点 Features

- 无感设计 No inductance
- 高精度，低温度系数 Close tolerance and TCR
- 阻值范围宽 Wider resistance value
- 高耐压 High voltage applied

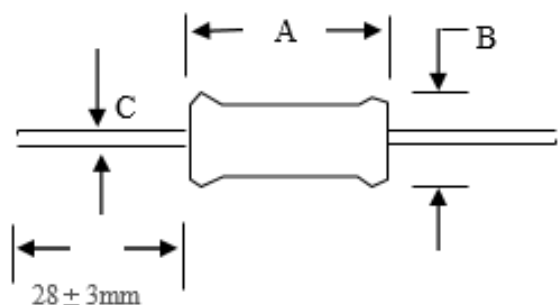


应用范围 Application

我公司的 RI80c 电阻适用于一切正常高压高阻应用场所直至高可靠的 X 射线系统。特别应用于电子电力系统，例如高压发生器、精密高压电源、精密分压器、电子显微镜、高精度 CRT 显示器、汽车电子等。

Type RI80c resistors are suited for all high value and voltage applications from general purpose to highest reliability X-ray systems. Especially for electrical and power system such as high voltage generator, precision high voltage power resource, Precision divider, Electron microscopes, X-rays, High resolution CRT displays, Automobile Electronic.

外形尺寸 Dimensions



RI80c	A	B	C
20	20.20	8.20	1.00
26	26.90	8.20	1.00
32	33.00	8.20	1.00
39	39.50	8.20	1.00
52	52.10	8.20	1.00
78	77.70	8.20	1.00
103	102.9	8.20	1.00
122	123.7	8.20	1.00
154	153.7	8.20	1.00

技术参数 Typical Specification

RI80c	Profession(专业级) Pf	Precision(精密级) Pc	Power (功率级) Pw
特点 Feature	适合一般应用 阻值范围宽，耐压高 Wide Resistance value	适合电压取样 温度系数好 Close TCR	适合小体积大功率 功率密度大 Higher Power with same size
精度 Tolerance	±1% ±5% ±10%	±1% 0.5%	±5% ±10%
温度系数 TCR	±100ppm/°C	±25ppm/°C ±50ppm/°C	±100ppm/°C
稳定度 Stability	±0.5%	±0.25%	±0.5%

更好精度和温度系数电阻可协商供货 Close tolerance and TCR could be available

RI80c

柱状高阻高压电阻器

CYLINDRICAL HIGH OHM AND VOLTAGE RESISTOR

供货范围表 Supply Scope Table

RI80c			20	26	32	39	52	78	103	122	154
额定功率 Rated Power (W)	Pf		2.5	3.7	4.5	5.2	7.5	11	12	15	20
	Pc		-	1.0	-	1.5	2.0	3.0	4.0	5.0	6.0
	Pw		5	7	9	11	15	20	25	30	50
工作电压 Work Voltage (KV)	Pf		4.8	6.4	8.0	12.8	16	24	32	40	45
	Pc		-	4.0	-	6.0	10	15	20	25	30
	Pw		4.8	6.4	8.0	12.8	16	24	32	40	45
阻值范围 Value Range	Pf	Min	200	250	300	400	500	900	1K2	1K5	2K
		Max	1G	1G	1.5G	1.5G	2.5G	4G	6G	8G	10G
	Pc	Min	-	100K	-	150K	200K	300K	400K	500K	600K
		Max	-	250M	-	400M	500M	700M	1G	1G	1G
	Pw	Min	200	250	300	400	500	900	1K2	1K5	2K
		Max	1G	1G	1.5G	1.5G	2.5G	4G	6G	8G	10G

特性参数 Performance Characteristics

寿命 Load life	125℃ 1000h
绝缘电阻 Insulate resistance	10GΩ
涂覆层 Encapsulation	高温硅树脂或环氧包封 High temperature silicone conformal coated or Epoxy conformal coated
过载 Overload	5s $\Delta R \leq 0.5\%$ Profession: 5Pe(≤ 1.5 Max. operating voltage) Precision: 5Pe(≤ 1.5 Max. operating voltage) Power: 1.5Pe
热冲击 Thermal shock	$\Delta R \leq 0.25\%$
耐潮性能 Moisture resistance	$\Delta R \leq 0.4\%$

降功耗曲线 Derating-curve

