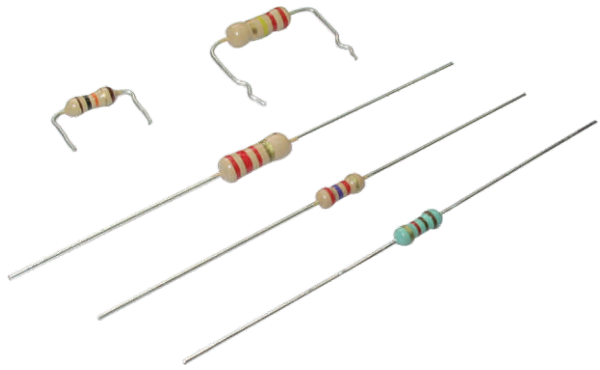
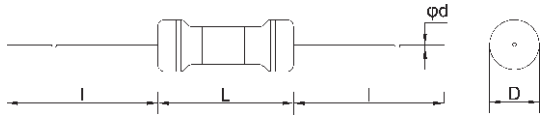
RT/RTF系列
碳膜/阻燃碳膜固定电阻器
Series RTF Carbon film fixed resistors
Series RT Flameproof carbon film fixed resistors



产品特点 FEATURES

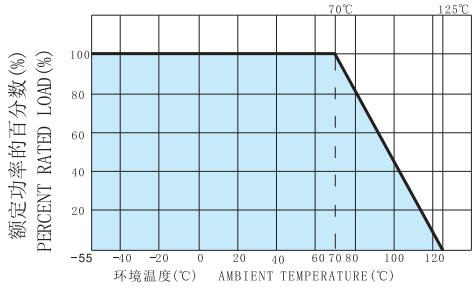
- 阻值范围宽Wide range of resistance values.
- 体积小、精度高Small volume, high accuracy.
- 价格低、工作温度以及极限电压均较高
  Low price，higher operating temperature and voltage.
- 包装方式有带装、散装、可进行各类引线成型
  Several types of package: taping or bulk packaging.

外形尺寸 DIMENSIONS



型号 Type	尺寸Dimensions(mm)			
	L	D	l ± 2	d ± 0.05
RT13/RTF13	3.2±0.2	1.8±0.2	27	0.41
RT14/RTF14	6.0±0.5	2.3±0.3	27	0.50
RT14X/RTF14X	3.2±0.2	1.8±0.2	27	0.41
RT15/RTF15	9.0±0.5	3.5±0.5	27	0.55
RT15X/RTF15X	6.0±0.5	2.3±0.3	27	0.50
RT16/RTF16	11.0±1.0	4.5±0.5	27	0.65
RT17/RTF17	15.0±1.0	5.5±0.5	27	0.75

降功耗曲线 POWER DERATING CURVE



技术说明 TECHNICAL SPECIFICATIONS

型号 Type	额定功率 Power Rating (W)	温度系数 T.C.R. (10^{-6}/℃)	元件极限电压 Limiting Element Voltage(V)	绝缘耐压 Dielectric withstanding voltage(V)	阻值范围 Resistance Range(Ω)	使用温度范围 Operating Temp. Range(℃)
RT13/RTF13	1/6	-1000 ~ +350	200	300	1 ~ 5.1M	-55 ~ +125
RT14/RTF14	1/4		250	350		
RT14X/RTF14X	1/4		250	350		
RT15/RTF15	1/2		350	500		
RT15X/RTF15X	1/2		350	500		
RT16/RTF16	1		350	500	1 ~ 1M	
RT17/RTF17	2		350	500		

特性 CHARACTERISTICS

试验项目TEST ITEM	性能要求SPECIFICATIONS	试验方法TEST METHOD
引出端强度Terminal strength	△R≤ ± (1%R+0.05Ω)	10N
耐焊接热Resistance to soldering heat	△R≤ ± (1%R+0.05Ω)	260℃，10Sec
温度快速变化Fast temperature change	△R≤ ± (1%R+0.05Ω)	-55℃/+125℃，5Cycle
稳态湿热Dampheat,Steady State	△R≤ ± (5%R+0.1Ω)	+40℃，RH93 ± 3%，1000h
70℃耐久性Endurance at 70℃	△R≤ ± (5%R+0.1Ω)	70 ± 2℃，1000h