

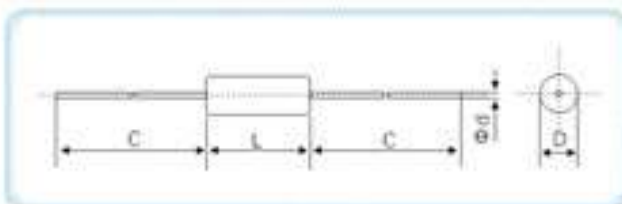
EE高可靠精密金属膜电阻器 High Reliability Precision Metal Film Resistors

产品特点 Features

- 符合国家军用标准 GJB1929-1994, 密封型, 温度范围: $-65^{\circ}\text{C} \sim +175^{\circ}\text{C}$;
- 稳定性: $\pm 0.5\%/125^{\circ}\text{C}, 1000\text{h}$; 高稳定、高精度、防潮型;
- Come up to: GJB1929-1994, Mold Style, Temp. Range: $-65^{\circ}\text{C} \sim +175^{\circ}\text{C}$;
- Stability: $\pm 0.5\%/125^{\circ}\text{C}, 1000\text{h}$; High stability, high precision, moisture proof.



外形尺寸 Dimensions



技术说明 Technical Specifications

型号 Type		EE1/20	EE1/10	EE1/8	EE1/4	EE1/2
国军标型号 TYPE OF GJB1929-94		RJ52	RJ53	RJ54	RJ55	RJ56
在不同温度下的额定功率(W) Power Rating at $t_a^{\circ}\text{C}$ (W)	70°C	0.067	0.125	0.250	0.500	0.750
	100°C	0.057	0.110	0.173	0.350	0.610
	125°C	0.050	0.100	0.125	0.250	0.500
最大工作电压 Max Working Voltage (V)		200	200	250	300	350
阻值范围 Resistance Range (Ω)		10R-2MΩ	0R1-8MΩ	0R1-10M	0R1-5MΩ	0R1-10M
精度范围 Tolerance Range		F ($\pm 0.02\%$), W ($\pm 0.05\%$), B ($\pm 0.1\%$), C ($\pm 0.25\%$), D ($\pm 0.5\%$), F ($\pm 1.0\%$)				
温度系数范围 TC-Range (PPM/ $^{\circ}\text{C}$)		C7 (± 5), C6 (± 10), C5 (± 15), C4 (± 20), C3 (± 25), C2 (± 50)				
外形尺寸 Dimensions (mm)	$L \pm 0.3$	3.9	7.0	10.0	14.8	18.3
	$D \pm 0.3$	1.8	2.5	3.4	5.2	6.5
	$C \pm 2$	26	35	35	35	35
	$D \pm 0.05$	0.51	0.63	0.63	0.63	0.81

性能指标 Performance

试验项目 Test Item	GJB1929-1994要求	试验方法 Test Methods
过载 Short Time Overload	$\leq \pm (0.25\%, R+0.05\Omega)$	2.25-5倍额定功耗, 最大电压不超过2U ₀ , 1h
温度冲击 Temperature Operation	$\leq \pm (0.25\%, R+0.05\Omega)$	$-65^{\circ}\text{C} \sim 150^{\circ}\text{C}$, 5次循环, 0.5h
低温工作 Low temp. Operation	$\leq \pm (0.25\%, R+0.05\Omega)$	-65°C , 1h, 额定电压不超过200V, 45min
介电耐压 Dielectric Strength	$\leq \pm (0.25\%, R+0.05\Omega)$	450V/min, 100V/S
耐焊接热 Resistance to Solder	$\leq \pm (0.1\%, R+0.05\Omega)$	260°C , 10S
耐湿 Resistance to moisture	$\leq \pm (0.5\%, R+0.05\Omega)$	$-10^{\circ}\text{C} \sim 65^{\circ}\text{C}$, RH80-98%, 240h
寿命 Load life	$\leq \pm (0.5\%, R+0.05\Omega)$	125°C , P, 2000h
冲击 Shock	$\leq \pm (0.25\%, R+0.05\Omega)$	1000m/s ² , 6ms
振动 Vibration	$\leq \pm (0.25\%, R+0.05\Omega)$	10-2000Hz, 0.75mm, 200m/s ²