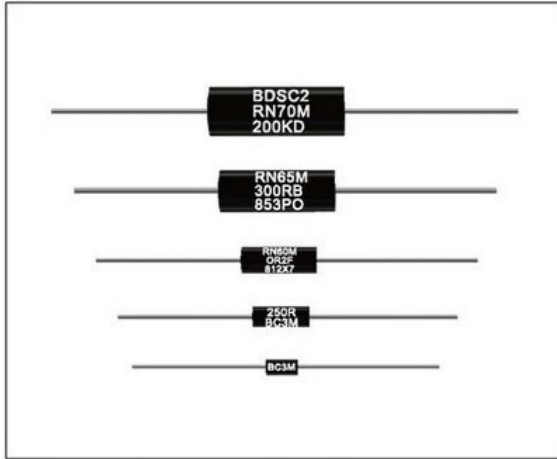
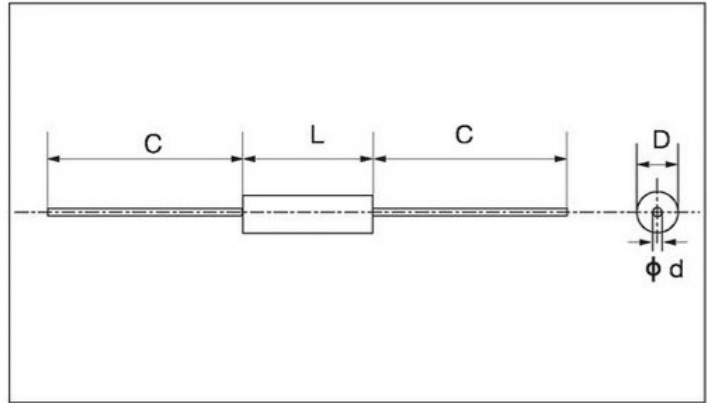


RJK(RN) 高可靠金属膜电阻器

high reliability metal film resistors



■ 构造图 Construction



■ 特点 Characteristics

- 高可靠、高稳定、高精度、防潮湿
- 符合国家军用标准;GJB244A-2001
- 温度范围: -65°C~175°C
- 稳定度: ±0.5%, 125°C, 2000小时
- 塑封型
- High reliability, high stability, high precision, moisture proof
- Conform to GJB244A-2001
- Temp. range: -65°C-175°C
- Stability: ±0.5% 125°C 2000h
- Mold style

■ 外形尺寸 Dimensions (mm)

尺寸(size)	L	D	C	d
RJK 52 RN 50	3.9	1.8	26	0.50
RJK 53 RN 55	7.0	2.5	35	0.60
RJK 54 RN 60	10.0	3.4	35	0.60
RJK 55 RN 65	14.8	5.2	35	0.60
RJK 56 RN 70	18.3	6.5	35	0.80

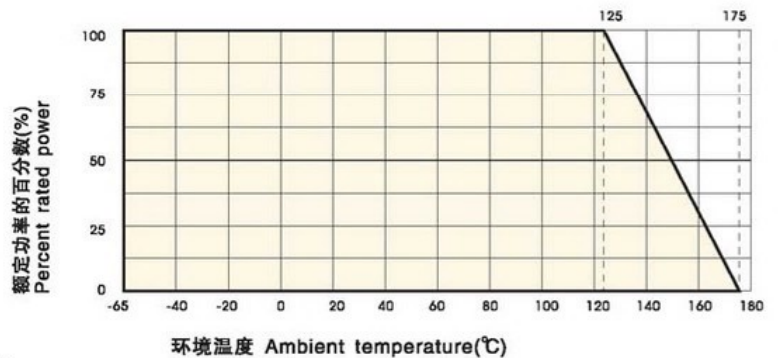
■ 应用领域 Application Area

RJK型电阻器具有工作温度范围广、阻值范围宽、温度特性好、稳定性好、可靠性高等优异特性,广泛应用于航空、航天、航海、通讯、自动控制等重要军工领域。

■ 技术标准 Technical Standard

GJB244A-2001 有质量等级的薄膜固定电阻器总规范
Q/BDS 20001-2003 RJK型有质量等级的金属膜固定电阻器详细规范
ZZR-Q/BDS 20006-2007 RJK52 (RN50) 型有质量等级的金属膜固定电阻器详细规范

■ 降功耗曲线 Derating Curve



■ 技术说明 Technical Specifications

型号TYPE		RN50	RN55	RN60	RN65	RN70
国军标型号 TYPE OF GJB244A-2001		RJK52	RJK53	RJK54	RJK55	RJK56
在不同温度的额定功率 (W) Power Rating at tu°C(W)	70°C	0.067	0.125	0.250	0.500	0.750
	125°C	0.050	0.100	0.125	0.250	0.500
极限电压Limiting Element Voltage (V)		200	200	250	300	350
军标 认证 范围	阻值范围Resistance Range(Ω)	10~796K	10R~2M	10~2M	10R~3M	10R~5M
	精度范围 Tolerance Range	B (±0.1%), C (±0.25%), D (±0.5%), F (±1.0%)				
	温度系数范围 TC-Range (10 ⁻⁶ /K)	C3 (±25), C2 (±50), C1 (±100)				
可供 范围	阻值范围 Resistance Range(Ω)	10R~1M5	0R1~3M0	0R1~5M0	10R~5M0	10R~10M
	精度范围 Tolerance Range	P (±0.02%), W (±0.05%), B (±0.1%), C (±0.25%), D (±0.5%), F (±1.0%)				
	温度系数范围 TC-Range (10 ⁻⁶ /K)	C6 (±10), C5 (±15), C4 (±20), C3 (±25), C2 (±50), C1 (±100)				
失效率等级 Failure rate grade		R(七级)			M(五级)	M(五级)




1. 军标认证范围的产品温度系数为全温温度系数
2. 非军标认证范围的产品温度系数为正温温度系数,测试点为25°C~85°C

性能指标 Performance

试验项目 Test Item	标准要求 Standards	试验方法 Test Method
过载 Short Time Overload	$\leq \pm(0.20\%R+0.01\Omega)$	2.25-5倍额定功耗,最大电压不超过2倍极限电压,1h
温度冲击 Temperature shock	$\leq \pm(0.20\%R+0.01\Omega)$	-65℃~150℃,5次循环,0.5h
低温工作 Low temp. Operation	$\leq \pm(0.15\%R+0.01\Omega)$	-65℃,1h,额定电压不超过200V,45min
介质耐压 Dielectric Strength	$\leq \pm(0.15\%R+0.01\Omega)$	450V,1min,100v/s
耐焊接热 Resistance to Solder	$\leq \pm(0.10\%R+0.01\Omega)$	260℃,10s
耐湿 Resistance to moisture	$\leq \pm(0.40\%R+0.01\Omega)$	-10℃~65℃,RH80-98%,240h
寿命 Load life	$\leq \pm(0.50\%R+0.01\Omega)$	125℃,Pe,2000h
冲击 Shock	$\leq \pm(0.20\%R+0.01\Omega)$	1000m/s ² ,6ms
振动 Vibration	$\leq \pm(0.20\%R+0.01\Omega)$	10~2000Hz,0.75mm,200m/s ²

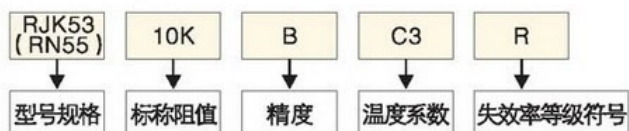
产品精度、温度系数与阻值范围对照表

Electrical data-Tolerance, TCR & Resistance range

产品型号及规格型号 Type			RJK52 RN50 	RJK53 RN55 	RJK54 RN60 	RJK55 RN65	RJK56 RN70
代码	阻值精度	阻值范围					
P	±0.02%	最低FROM		100R	100R	300R	300R
		最高TO		500K	500K	500K	500K
W	±0.05%	最低FROM	50R	10R	10R	50R	50R
		最高TO	750K	1M0	1M0	1M0	2M0
B	±0.1%	最低FROM	10R	10R	10R	10R	10R
		最高TO	1M0	2M0	3M0	4M0	10M
C	±0.25%	最低FROM	10R	10R	10R	10R	10R
		最高TO	1M0	3M0	5M0	5M0	10M
D	±0.5%	最低FROM	10R	10R	10R	10R	10R
		最高TO	1M0	3M0	5M0	5M0	10M
F	±1.0%	最低FROM	10R	0R1	0R1	10R	10R
		最高TO	1M5	3M0	5M0	5M0	10M
特性代号	温度系数TCR						
C6	±10(10 ⁻⁶ /K)	最低FROM	10R	1R	1R	10R	10R
		最高TO	100K	100K	100K	500K	500K
C5	±15(10 ⁻⁶ /K)	最低FROM	10R	1R	1R	10R	10R
		最高TO	200K	500K	500K	1M0	1M0
C4	±20(10 ⁻⁶ /K)	最低FROM	10R	1R	1R	10R	10R
		最高TO	500K	2M0	2M0	4M0	5M0
C3	±25(10 ⁻⁶ /K)	最低FROM	10R	1R	1R	10R	10R
		最高TO	1M5	3M0	5M0	5M0	10M
C2	±50(10 ⁻⁶ /K)	最低FROM	10R	1R	1R	10R	10R
		最高TO	1M5	3M0	5M0	5M0	10M
C1	±100(10 ⁻⁶ /K)	最低FROM	10R	0R1	0R1	10R	10R
		最高TO	1M5	3M0	5M0	5M0	10M

订货示例 (Examples for purchase)

例如 Example



包装方式: 采用塑料自封袋+纸质盒包装,起订量30只以上。
Packaging: Bulk in plastic bags(MOQ:30pcs)