

RX20

功率型被繞線電阻器
Power vitreous enamelled wire-wound resistors

◆ 产品特点 Features:

- 高溫負荷特性優良 Excellent high temperature load performance
- 耐濕濕、耐腐蝕，可在惡劣環境中使用 Moisture resistance, corrosion resistance can be used in harsh environments
- T 系列為可調 T series is adjustable
- 無級為無級 N series is non-inductive
- 可提供安裝套件（選配件） Assembly and fittings (available)

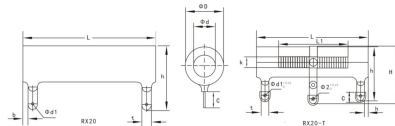
◆ 應用範圍 Applications:

- 自動控制裝置

◆ 執行標準 Reference standards:

- Q/KL014-2011

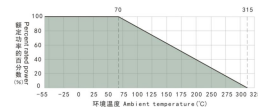
◆ 外形尺寸 Dimensions:



型號	額定功率(W)	外形尺寸(mm) Dimensions											重量(g)
Type	Rated Power	L	D	d	H	h	L1	K	b	l	d1	C	Weight RX20
RX20(T)	8	35 ± 1.5					-	-					23
	10	41 ± 1.5	14 ± 2	5.5 ± 0.5	31	28.5 ± 2.5							27 34
	16	45 ± 1.5	17 ± 2	8 ± 0.5	34	31 ± 2.5							36 42
	20	51 ± 2											44 50
	25	51 ± 2						6 ± 2	3.5 ± 0.8	4.5	2		57 67
	30	71 ± 2.2	21 ± 2.5	12 ± 0.8	39	35 ± 2.5					8 ± 1.5		80 90
	40	87 ± 2.2											98 110
	50	91 ± 2.4											132 144
	75	140 ± 3.2											253 265
	100	170 ± 3.5	29 ± 3	20 ± 1.1	47	43 ± 3		7 ± 2	4.5 ± 1	6	2.5		286 298
RX20(T)	150	215 ± 4											385 397
	200	200 ± 2	42 ± 3	25 ± 0.7	60.5 ± 1.2	58 ± 2	160 ± 2						475 495
	200 / 250	266 ± 2	30 ± 2	16 ± 0.3	50 ± 2	47 ± 2	210 ± 2	7 ± 2					510 530
	300		36 ± 2	20 ± 0.3	58 ± 2	58 ± 2			8 ± 1	8	4.5	11 ± 1.5	630 650
	400	250 ± 2	54 ± 2	30 ± 2	76.5 ± 1.5	79 ± 3	180 ± 2						1000 1020
	500	300 ± 2					230 ± 2	10 ± 2					
									16	8	17 ± 1.5	1340 1360	

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◆ 降功耗曲線 Derating curve:



◆ 主要技術指標 Main specification:

型號	額定功率(W)	阻值範圍(Ω)	阻值範圍	阻值允許偏差(%)	溫度系數(×10 ⁻³ /°C)
Type	Rated Power	RX20	RX20-T	Tolerance	Temperature coefficient
RX20(T)	8	5.1-2K			
	10	5.1-5K	5.1-100		
	16	5.1-10K	5.1-120		
	20	5.1-15K	5.1-200		
	25	10-20K	10-200		
	30	10-25K	10-300		
	40	20-30K	20-300		
	50	20-40K	20-510	±5 (J)	
	75	20-50K	24-510	±10 (K)	±250
	100	20-50K	20-510		
RX20(T)	150	20-80K	20-1K		
	200	4.7-12K	5.1-3K		
	200 / 250	4.7-12K	5.1-3K		
	300	4.7-12K	5.1-3K		
	400	5.1-10K	6.2-3K		
	500	5.1-10K	6.2-3K		

◆ 主要檢驗項目、檢驗方法及性能要求

Main inspection items, methods & requirements:

檢驗項目 Items	性能要求 Requirements	試驗方法 Methods
可焊性 Solder ability	≥95%	235 ± 5°C, 2 ± 0.5s
引拉強度 Tensile strength	無機械損傷 No mechanical damage	20N, 30S
恒定濕熱 Constant damp-heat	≤ ± (2%R ± 0.05 Ω)	40 ± 2°C, RH(93 ± 3)%
振 動 Vibration	≤ ± (1%R ± 0.05 Ω)	10-1000Hz, 0.75mm, 200m/s ²
碰 撞 Collision	≤ ± (1%R ± 0.05 Ω)	40-80次/cycle/min
表面溫升 Surface temperature rise	≤ ± 275°C	P _n
70°C耐久度 Endurance at 70°C	≤ ± (5%R ± 0.05 Ω)	70°C, P _n , 1000h
過 載 Over-load	≤ ± (1%R ± 0.05 Ω)	10 P _n , 5S

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勝特力電子(上海) 86-21-34970699
勝特力電子(深圳) 86-755-83298787
<http://www.100y.com.tw>

RXG1B 焊片型被釉线绕电阻器

Arg type vitreous enamelled wire-wound resistors

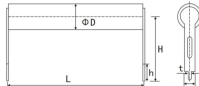
产品特点 Features:

- 耐潮湿、耐腐蚀，可在恶劣环境中使用。
Moisture resistance, corrosion resistance, can be used in harsh environments
- 易于焊接 Easy to weld
- N系列为无感 N series is noninductive

应用范围 Applications:

- 自动控制系统 Auto control devices
- 电子整机 Electric equipment

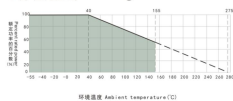
外形尺寸 Dimensions:



执行标准 Reference standards:

- Q/KL011-2010

降功耗曲线 Derating curve:



主要技术指标 Main specification:

额定功率(W) Rated Power	L	H	D	T	h	t	阻值范围(D) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻³ /°C) Temperature coefficient
13W	64±0.5	17	10	5	4.5	1.5	5.1~5K		
15W	50±0.5	34	13	6	4.5	2	6.8~8K	±1(F) ±5(J)	±250
21W	78±0.5	24	12.5	6	4.5	1.5	10~10K		
26W	85±0.5	24	12.5	6	4.5	1.5	15~15K		

主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	试验方法 Methods
可焊性 Solder ability	≥95%	235±5°C, 2±0.5s
引出端强度 Terminal tensile strength	无机械损伤 No mechanical damage	20N, 30S
恒定湿热 Constant damp-heat	≤ ± (2%R±0.05 Ω)	40±2°C, RH93±3%
振动 Vibration	≤ ± (1%R±0.05 Ω)	10~1000Hz, 0.75mm, 200 m/s ²
碰撞 Collision	≤ ± (1%R±0.05 Ω)	40~80次/cycle/5mm
表面温升 Surface temperature rise	≤ +275°C	P _N
潮湿耐久性 Endurance	≤ ± (5%R±0.05 Ω)	40°C, P _N , 1000h
过载 Over-load	≤ ± (1%R±0.05 Ω)	10 P _N , 5S

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RX22 引线式被釉线绕电阻器

Lead wire type vitreous enamelled wire-wound resistors

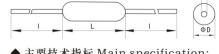
产品特点 Features:

- 高温高功率特性 Excellent high temperature load performance
- 耐潮湿、耐腐蚀，可在恶劣环境中使用。 Moisture resistance, corrosion resistance, can be used in harsh environments
- 易于焊接 Easy to weld
- N系列为无感 N series is noninductive

应用范围 Applications:

- 仪表、仪器 Meters and instruments
- 自动控制系统 Auto control devices
- 电子整机 Electric equipment

外形尺寸 Dimensions:



主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions				阻值范围(D) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻³ /°C) Temperature coefficient
		D±1	L±1.5	d	l			
R022	2.5	5.6	12.7	0.8	30±3	1~1K		
	3	7	14	0.8	30±3	1~1K		
	6	8	22	0.8	30±3	1~6.8K		
	7	8	30	0.8	30±3	1~8.2K		
	8	8	36	0.8	30±3	1~15K		
	9	8	40	0.8	30±3	1~20K		
	11	10.8	46	0.8	30±3	1~30K		
	12	8	53.5	0.8	30±3	1~30K		
						±5(J) (±10K)	±250	

主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	试验方法 Methods
可焊性 Solder ability	≥95%	235±5°C, 2±0.5s
引出端强度 Terminal tensile strength	无机械损伤 No mechanical damage	20N, 30S
恒定湿热 Constant damp-heat	≤ ± (2%R±0.05 Ω)	40±2°C, RH93±3%
振动 Vibration	≤ ± (1%R±0.05 Ω)	10~1000Hz, 0.75mm, 200 m/s ²
碰撞 Collision	≤ ± (1%R±0.05 Ω)	40~80次/cycle/5mm
表面温升 Surface temperature rise	≤ +275°C	P _N
70°C耐久性 Endurance at 70°C	≤ ± (5%R±0.05 Ω)	70°C, P _N , 1000h
过载 Over-load	≤ ± (1%R±0.05 Ω)	10 P _N , 5S

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RX20MZ/M 功率型被釉线绕电阻器

Power vitreous enamelled wire-wound resistors

产品特点 Features:

- 专利产品 (专利号: ZL201320188879.2)
Patented product(Patent number: ZL 2013 20188879.2)
- 功率范围较宽 Wide power range
- N系列为无感 N series is noninductive

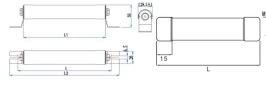
应用范围 Applications:

- 风力发电 Wind power generation
- 电力分配、负荷测试 Electric power distribution, load test
- 变频电源等领域 Inverter power supply etc

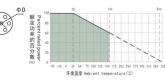
执行标准 Reference standards:

- GB/T5729-2003

外形尺寸 Dimensions:



降功耗曲线 Derating curve:



主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸 (mm) Dimensions	阻值范围(D) Resistance Range	阻值允许偏差(%) Tolerance
RX20MZ	75	115 91 149	20~10K	
	100	164 140 198	20~50K	
	160	186 172 230	20~100K	
	250	239 215 273	20~100K	
	320	278 254 312	20~100K	
RX20M	75		20~5K	±5(J) ±10(K)
	100		20~8K	
	150		20~10K	
	200		20~10K	
	300		20~12K	

主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	试验方法 Methods
绝缘电阻 Insulation resistance	≥20MΩ	V _N /500V
振动 Vibration	≤ ± (1%R±0.05 Ω)	10~1000Hz, 0.75mm, 200 m/s ²
碰撞 Collision	≤ ± (1%R±0.05 Ω)	40~80次/cycle/5mm
表面温升 Surface temperature rise	≤ +315°C	P _N
潮湿耐久性 Endurance at 70°C	≤ ± (2%R±0.05 Ω)	70°C, 30min/210°C, 30min/5.5cycles
过载 Over-load	≤ ± (2%R±0.05 Ω)	10 P _N , 5S
恒定湿热 Constant damp-heat	≤ ± (2%R±0.05 Ω)	40°C, RH93±3%
70°C耐久性 Endurance at 70°C	≤ ± (5%R±0.05 Ω)	70°C, P _N , 1000h

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RXGI/B 功率型被漆线绕电阻器

Power coated wire-wound resistors

产品特点 Features:

- 功率范围较宽 Wide power range
- N系列为无感 N series is noninductive
- 可提供安装套件 (选配件)
Assembly and fitting (available)
- 专为液冷线绕电阻器
Type B for the corrugated wire-wound resistor

应用范围 Applications:

- 电力分配、负荷测试
Electric power distribution, load test
- 电子整机 Electric equipment

执行标准 Reference standards:

- Q/KL023-2011

外形尺寸 Dimensions:



降功耗曲线 Derating curve:



主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	试验方法 Methods
可焊性 Solder ability	≥95%	235±5°C, 2±0.5s
引出端强度 Terminal tensile strength	无机械损伤 No mechanical damage	50N, 30S
恒定湿热 Constant damp-heat	≤ ± (2%R±0.05 Ω)	40±2°C, RH93±3%
振动 Vibration	≤ ± (2%R±0.05 Ω)	10~1000Hz, 0.75mm, 200 m/s ²
碰撞 Collision	≤ ± (1%R±0.05 Ω)	40~80次/cycle/5mm
表面温升 Surface temperature rise	≤ +275°C	P _N
过载 Over-load	≤ ± (1%R±0.05 Ω)	10 P _N , 5S
潮湿耐久性 Endurance	≤ ± (5%R±0.05 Ω)	40°C, P _N , 1000h

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◆主要技术指标 Main specification:

Type	额定功率 Rated Power	外形尺寸(mm) Dimensions										阻值范围(Ω) Resistance Range	阻值允许 偏差(%) Tolerance	温度系数 ×10 ⁻² /°C Temperature coefficient
		L	L1	L2	D	H	W	B	C	N	d			
RXG1	50W	103	126	147	66	29	59	27	41	6.4	9	4.3	10~20K	
	75W	152	175	196	115	29	59	27	41	6.4	9	4.3	10~30K	
	100W	182	205	226	145	29	59	27	41	6.4	9	4.3	10~51K	
	150W	227	250	271	190	29	59	27	41	6.4	9	4.3	10~51K	
	200W	280	303	324	241	29	59	27	41	6.4	9	4.3	10~62K	
	300W	282	305	324	238	35	89	35	64	6.5	12	4.5	20~100K	
	500W	303	320	336	256	52	97	50	71	7.8	14	5.5	20~120K	
	600W	353	370	386	306	52	97	50	71	7.8	14	5.5	20~160K	
	800W	403	420	436	356	52	97	50	71	7.8	14	5.5	20~175K	
	1000W	303	332	365	246	70	127	70	101	7.6	14	5.5		
	1200W	368	397	430	311	70	127	70	101	7.6	14	5.5		
	1500W	436	465	498	379	70	127	70	101	7.6	14	5.5		
RXG2	2000W	513	542	575	456	70	127	70	101	7.6	14	5.5	20~200K	
	2500W	603	632	665	546	70	127	70	101	7.6	14	5.5		
	2500W	553	582	624	492	77	147	80	120	8	18	6.5		
	3000W	653	682	724	592	77	147	80	120	8	18	6.5		
	50W	102	126	147	66	29	59	27	41	6.4	9	4.3	1~2.2	
	80W	152	175	196	115	29	59	27	41	6.4	9	4.3	1~3.0	
	120W	182	205	226	145	29	59	27	41	6.4	9	4.3	1~4.7	
	150W	227	250	271	190	29	59	27	41	6.4	9	4.3	1~5.1	
	200W	203	225	251	172	41	83	40	60	7	12	4.5	1~6.6	
	300W	303	325	351	272	41	83	40	60	7	12	4.5	1~7.5	
	400W	333	355	381	302	41	83	40	60	7	12	4.5	1~10.0	
	RXG3	500W	303	320	336	256	52	97	50	71	7.8	14	5.5	1~100
600W		353	370	386	306	52	97	50	71	7.8	14	5.5	1~100	
750W		373	390	406	326	52	97	50	71	7.8	14	5.5	1~100	
1000W		303	328	353	244	61	115	60	86	8.6	16	6.5	5~200	
1500W		416	443	468	359	61	115	60	86	8.6	16	6.5	5~200	
2000W		513	538	563	454	61	115	60	86	8.6	16	6.5	5~500	
2500W	603	628	653	544	61	115	60	86	8.6	16	6.5	5~500		

可协议生产2500~5000W阻值
Our factory can also produce 2500~5000W non-standard resistors according

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RX21引线式被漆线绕电阻器

Lead wire type coated wire-wound resistor

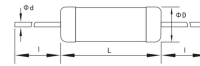
◆产品特点 Features:

- 体积小、阻值高 Small size, high resistance value
- 易于焊接 Easy to weld
- N系列为无感 N series is inductive

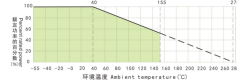
◆应用范围 Applications:

- 仪表、仪器 Meters and instruments
 - 各类电子产品 Electric device
- ◆执行标准 Reference standards:
- SJ1331-78

◆外形尺寸 Dimensions:



◆降功耗曲线 Derating curve:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions				阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻² /°C) Temperature coefficient
		Φ _{max}	Φ _{min}	d	l			
RX21	0.5	3.5	10	0.6		0.1~510		
	1	3.5	12.0			0.15~3K		
	2 (3)	5.0	13.5	0.8		0.15~5.1K		
	4 (6)	7.5	23.5		29±3	0.15~10K	±1(F) ±5(J)	±100
	8 (10)	8.5	32.5			0.15~33K		
	12	8.5	47.0	0.8		0.15~33K		

◆主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	试验方法 Methods
可靠性 Reliability	95%	25±5°C, 2×0.5s
引出端强度 Terminal tensile strength	无机械损伤 No mechanical damage	20N, 30S
恒定负载 Constant damp load	≤ ± (2%R±0.05Ω)	40±2°C, RH93±3%
振动 Vibration	≤ ± [0.25%R±0.05Ω]	10~1000Hz, 0.75mm, 200 m/s ²
碰撞 Collision	≤ ± [0.25%R±0.05Ω]	40~80s cyclic mm
表面温升 Surface temperature rise	≤210°C	P ₀
潮湿耐久性能 Endurance	≤ ± (5%R±0.05Ω)	40°C, P ₀ , 1000h
过载 Overload	≤ ± (15%R±0.05Ω)	10 P ₀ , 1S

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RXHP 焊片型被漆线绕电阻器

Lug type coated wire-wound resistor

◆产品特点 Features:

- 高精度、低温度系数 High precision, Low T.C.R
- 体积小、阻值高 Small size, high resistance value
- 易于安装 Easy to mount

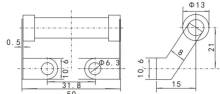
◆应用范围 Applications:

- 仪表、仪器 Meters and instruments
- 风力发电 Wind power generation

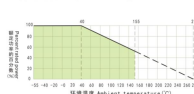
◆执行标准 Reference standards:

- Q/KL015-2011

◆外形尺寸 Dimensions:



◆降功耗曲线 Derating curve:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻² /°C) Temperature coefficient	使用温度范围(°C) Operating Temp. range
RXHP	22	10~22K	±1(F) ±2(G) ±5(J)	±100	-55~+155

◆主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
引出端强度 Terminal tensile strength	无机械损伤 No mechanical damage	20N, 30S
短期过载 Short time overload	≤ ± (1%R±0.05Ω)	10 P ₀ , 5S
冲击 Shock	≤ ± (1%R±0.05Ω)	1000m/s ² , 6ms
振动 Vibration	≤ ± (1%R±0.05Ω)	10~1000Hz, 0.75mm, 200 m/s ²
阻值随温度变化 TCR	≤100×10 ⁻² /°C	-55°C/20°C, 20°C/125°C
温度快速变化 Fast temperature change	≤ ± (1%R±0.05Ω)	-55°C, 30min/125°C, 30min, 5次 cycles
潮湿耐久性能 Endurance	≤ ± (5%R±0.05Ω)	40°C, P ₀ , 1000h

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RXB/RXG201 扁型被漆线绕电阻器

Flat-type coated wire-wound resistor

◆产品特点 Features:

- 阻值高、耐温度负载 Excellent high temperature load performance
- 过载能力强 High over loading ability
- 易于安装 Easy to mount

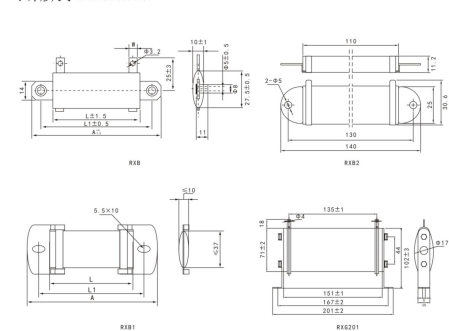
◆应用范围 Applications:

- 电力分配、电源测试 Electric power distribution, load test
- 变频器电源等領域 Inverter power supply etc
- 各类电子产品 Electrical devices

◆执行标准 Reference standards:

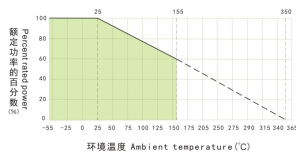
- GB/T5729-2003

◆外形尺寸 Dimensions:



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◆ 降功耗曲线 Derating curve:



◆ 主要技术指标 Main specification:

型号 Type	外形尺寸(mm) Dimensions	额定功率(W) Rated Power	阻值范围(Ω) Resistance Range	阻值允许偏差 Tolerance	使用温度范围(°C) Operating Temp. Range
RXB-20	44 51 32 5	30W	R1-36K		
RXB-21	83 70 51 5	40W	R1-16K		
RXB-22	120 108 49 5	55W	R1-36K		
RXB-23	152 140 120 6	70W	R1-51K		
RXB-24	184 171 152 6	95W	R1-75K		
RXB1-40	86 67 50 ~	40W	R1-60K		
RXB1-65	126 107 90 ~	65W	R1-18K		
RXB1-90	156 137 120 ~	90W	R1-27K		
RXB1-110	188 169 153 ~	110W	R1-33K		
RXB2	140 130 110 ~	100W	R1-8K		
RXB201	201 167 151 ~	250W	R1-22K		

◆ 主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	40N, 30S
正常高阻温度稳定性 Endurance at upper limit temperature	$\leq \pm (1\%R \pm 0.05\Omega)$	$P_R=0.350\text{℃/2h}$
短期过负荷 Short time overload	$\leq \pm (2\%R \pm 0.05\Omega)$	10P ₁ , 5S
震动 Vibration	$\leq \pm (1\%R \pm 0.05\Omega)$	10-1000Hz, 0.75mm, 200m/s ²
温度快速变化 Fast temperature change	$\leq \pm (2\%R \pm 0.05\Omega)$	-55℃, 30min/125℃, 30min, 5次 cycles
稳态热冲击 Constant damp-heat	$\leq \pm (2\%R \pm 0.05\Omega)$	40±2℃, RH93±3%
潮湿耐久度 Endurance	$\leq \pm (1.5\%R \pm 0.05\Omega)$	25℃, P ₁ , 1000h

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RX27/BKG 功率型瓷外壳线绕电阻器
Power ceramic shell wire-wound resistors

◆ 产品特点 Features:

- 体积小, 阻值高 Small size, high resistance value
- 易于焊接 Easy to weld
- N系列为无感 N series is noninductive

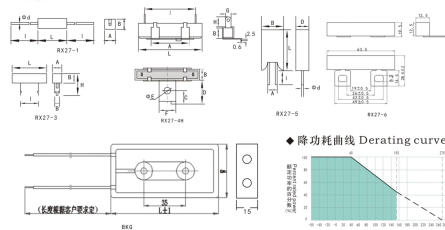
◆ 应用范围 Applications:

- 仪器、仪表 Meters and instruments
- 各类电子产品 Electrical devices

◆ 执行标准 Reference standards:

◆ SJ2862-88

◆ 外形尺寸 Dimensions:



◆ 主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	阻值范围(Ω) Resistance Range	外形尺寸(mm) Dimensions	允许偏差(%) Tolerance	温度系数(×10 ⁻³ /°C) Temperature coefficient
RX27-1	2	0.01-200	17×1 6.4 6.4		
	5	0.01-400	22×1 9.5 9.5		
	7	0.01-1.5K	35×1.5 9.5 9.5		
	10	0.01-2.4K	48×2 9.5 9.5		
	15	0.1-3K	48×2 12.5 12.5		
	20	0.1-3.3K	63.5×2 12.5 12.5		

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型号 Type	额定功率(W) Rated Power	阻值范围(Ω) Resistance Range	外形尺寸(mm) Dimensions	允许偏差(%) Tolerance	温度系数(×10 ⁻³ /°C) Temperature coefficient
RX27-3	5	0.01-820	27×1 15		
	7	0.01-1.5K	35×1 9.5 9.5		
	10	0.01-2.2K	48×1.5 35		
	15	0.01-2.7K	48×1.5 12.5 32.5 47.5		
RX27-4H	10	5.1-1.5K	48.0 10 25 34.0 5 9 12 11.8 6 4.0		
	15	5.1-1.5K	48.0 13 25 34.0 6 9 12 12.5 6 4.0		
	20	5.1-2.4K	63.5 13 25 49.0 6 9 12 12.5 6 4.0		
	25	6.2-2.4K	63.5 16 25 46.5 7.5 12 13.8 6 4.2		
	30	6.2-3.0K	75.0 19 40 58.0 7.5 12 18 8 4.2		
	40	6.2-10K	90.0 19 40 71.0 7.5 12 18 8 4.2		
RX27-5	2	0.01-1K	20.5 11 7 5 4.5 0.8		
	3	0.01-2.2K	25 12 8 5 4.5 0.8		
	5	0.01-2.2K	26 13 9 5 4.5 0.8		
	7	0.01-2.2K	39 13 9.5 5 4.5 0.8		
	10	0.01-10K	51 13 9.5 5 4.5 0.8		
BKG	60	0.47-10K	±5(J)		
	80	0.47-15K	±10(K)		

◆ 主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
可焊性 Solder ability	≥95%	235±5℃, 2±0.5S
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	20N, 30S
温度快速变化 Fast temperature change	$\leq \pm (1\%R \pm 0.05\Omega)$	-55℃, 30min/125℃, 30min, 52cycles
短期过负荷 Short time overload	$\leq \pm (1\%R \pm 0.05\Omega)$	5P ₁ , 5S
恒定热冲击 Constant damp-heat	$\leq \pm (1\%R \pm 0.05\Omega)$	40±2℃, RH93±3%
冲击 Shock	$\leq \pm (1\%R \pm 0.05\Omega)$	50g, 11ms, 18cycles
震动 Vibration	$\leq \pm (1\%R \pm 0.05\Omega)$	10-1000Hz, 0.75mm, 200m/s ²
绝缘耐压 Insulation withstand voltage	无击穿或飞弧 No breakdown or flashover	V _i 1000, 1min
潮湿耐久度 Endurance	$\leq \pm (1.5\%R \pm 0.05\Omega)$	40℃, P ₁ , 1000h

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RXG200 螺线式线绕电阻器
Screw-type wire-wound resistors

◆ 产品特点 Features:

- 通过能力强 High over loading ability
- 高温高湿特性优良 Excellent high temperature load performance

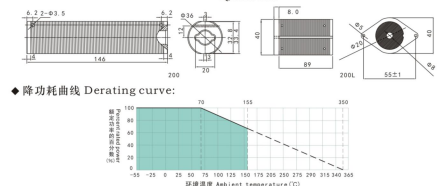
◆ 应用范围 Applications:

- 电力分配, 尖峰测试 Electric power distribution, load test
- 适用于功率电源 Ideal for functional power supply

◆ 外形尺寸 Dimensions:

◆ 执行标准 Reference standards:

◆ Q/L018-2011



◆ 主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	阻值范围(Ω) Resistance Range	阻值偏差(%) Tolerance	温度系数(×10 ⁻³ /°C) Temperature coefficient	使用温度范围(°C) Operating Temp. Range
RXG200	200	1-1K	±1(F); ±2(G); ±5(J)		
RXG205L				±100	-55~+155

◆ 主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	40N, 30S
短期过负荷 Short time overload	$\leq \pm (2\%R \pm 0.05\Omega)$	10P ₁ , 5S
震动 Vibration	$\leq \pm (2\%R \pm 0.05\Omega)$	10-1000Hz, 0.75mm, 200m/s ²
温度快速变化 Fast temperature change	$\leq \pm (2\%R \pm 0.05\Omega)$	-55℃, 30min/120℃, 30min, 52cycles
稳态热冲击 Constant damp-heat	$\leq \pm (2\%R \pm 0.05\Omega)$	40±2℃, RH93±3%
70℃耐久度 Endurance at 70℃	$\leq \pm (1.5\%R \pm 0.05\Omega)$	70℃, P ₁ , 1000h

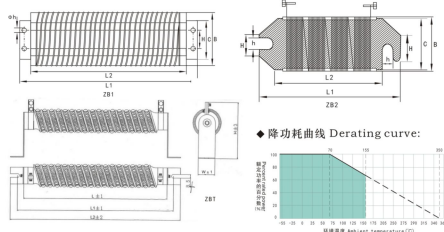
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ZB/ZBT 板型线绕电阻器

- ◆产品特点 Features:
 - 高温负荷特性优良 Excellent high temperature load performance
 - 高过载能力 High over loading ability
 - 易于安装 Easy to mount

- ◆应用范围 Applications:
 - 电力分配, 负载测试 Electric power distribution, load test
 - 适用于功率电源 Ideal for functional power supply
 - 高频电源等领域 Inverter power supply etc.
- ◆执行标准 Reference standards:
 - GB/T5729-2003

◆外形尺寸:Dimensions:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions					阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance
		L1	L2	B	C	H	h	
ZB1a	350	240	215	38	38	20	4.5	0.75~510 ±5(J) ±10(K)
ZB1b	180	158	52	40	20	4.5		
ZB2	500	340	300	140	120	38	12	0.75~270

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions					阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance
		L	L1	L2	W	H		
ZBT	1000~2000	182	205	234	35	103	10~200	±5(J) ±10(K)
	2000~4000	310	333	362				
	4000~6000	410	433	462				

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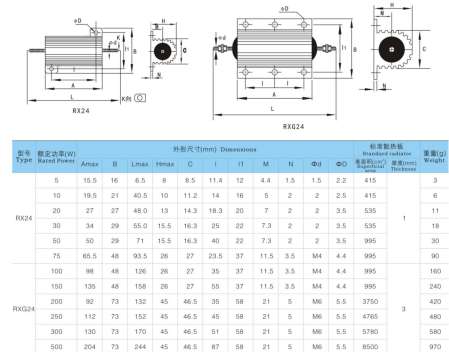
RX24/RXG24 功率型铝外壳线绕电阻器

- ◆产品特点 Features:
 - 绝缘性好 Perfect insulation
 - 完全密封结构 Full madded construction
 - 使用时, 必须按要安装散热板 Heat sink must be installed as required when it's used

- ◆应用范围 Applications:
 - 仪器、仪表 Meters and instruments
 - 电子整机 Electric equipment
 - 变频电源等领域 Inverter power supply etc

- ◆执行标准 Reference standards:
 - Q/KL012-2010

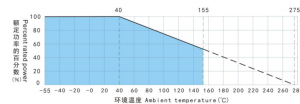
◆外形尺寸 Dimensions:



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◆降功耗曲线 Derating curve:



◆主要技术指标 Main specification:

型号 Type	25℃下额定功率 Rated Power	无机械损伤 No mechanical damage	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(±10℃) Temperature coefficient	额定电压(V) Withstand voltage
RX24	5	3	1~1K			1000
	10	8	1~1.5K			
	20	12.5	1~10K			
	30	15	1~27K			
	50	20	1~33K			
	75	45	1~33K	±1(F) ±5(J)	±50 ±100	
RXG24	100	50	1~51K			2000
	150	55	1~56K			
	200	50	1~62K			
	250	60	1~68K			
	300	75	1~75K			
	500	200	1~62K			

◆主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	40N, 30S
温度快速变化 Fast temperature change	≤ ± (1%R±0.05Ω)	-55℃, 30min/125℃, 30min; 5 次 cycles
短期过载 Short time overload	≤ ± (1%R±0.05Ω)	10 P ₀ , 6S
恒定湿热 Constant damp heat	≤ ± (1%R±0.05Ω)	40 ± 2℃, RH93 ± 3%
冲击 Shock	≤ ± (1%R±0.05Ω)	490m/S', 11mS, 18cycles
振动 Vibration	≤ ± (1%R±0.05Ω)	10~1000Hz, 50m/S'
表面温升 Surface temperature rise	≤ 275℃	P ₀
寿命耐久 Endurance	≤ ± (1%R±0.05Ω)	40℃, P ₀ , 1000h

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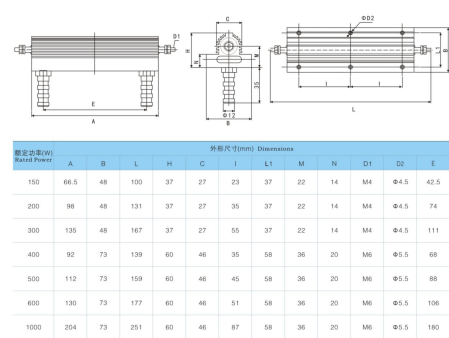
RXGS24 功率型水冷铝外壳线绕电阻器

- ◆产品特点 Features:
 - 专利产品 (专利号: ZL 2010 2 0525287.7)
Patented product (Patent number: ZL 2010 2 0525287.7)
 - 水冷散热 Water-cooling heat
 - 体积小, 功率大 Small size, high power
 - N系列为无感 N series is noninductive

- ◆应用范围 Applications:
 - 适用于功率电源 Ideal for functional power supply
 - 变频电源等领域 Inverter power supply etc

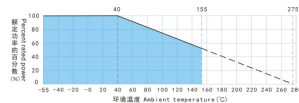
- ◆执行标准 Reference standards:
 - Q/KL010-2011

◆外形尺寸 Dimensions:



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◆降功耗曲线 Derating curve:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻³ /°C) Temperature coefficient	耐电压(V) Withstand voltage
RXG524	150	45	0.01~38K	±1(F) ±5(G)	2000
	200	50	0.01~51K		
	300	55	0.01~56K		
	400	55	0.01~62K		3000
	500	60	0.01~68K		
	600	75	0.01~75K		4000
	1000	200	0.01~82K		

◆主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	试验方法 Methods
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	40N, 30S
温度快速变化 Fast temperature change	$\leq \pm (1\%R \pm 0.05\Omega)$	-55°C, 30min/125°C, 30min, 5次 cycles
短期过负荷 Short time overload	$\leq \pm (1\%R \pm 0.05\Omega)$	10 P _n , 5S
恒定湿热 Constant damp-heat	$\leq \pm (1\%R \pm 0.05\Omega)$	40 ± 2°C, RH93 ± 3%
冲击 Shock	$\leq \pm (1\%R \pm 0.05\Omega)$	50g, 11ms, 183cycles
振动 Vibration	$\leq \pm (1\%R \pm 0.05\Omega)$	10~1000Hz, 0.75mm, 200 m/s ²
绝缘耐电压 Insulation withstand voltage	无击穿或飞弧 No breakdown or flashover	V ₀ , 1min
潮湿耐久度 Endurance	$\leq \pm (5\%R \pm 0.05\Omega)$	40°C, P _n , 1000h

◆订货示例 How to order:

RXG524 500W 10R 5%
产品型号 功率 阻值范围 精度
Type Power Nominal value Tolerance

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RXLG24 大功率矩形铝外壳线绕电阻器

High power rectangle aluminum shell wire wound resistor

◆产品特点 Features:

- 体积小、阻值高 Small size, high resistance value
- N系列为无限 N series is noninductive
- 使用时，必需按要求安装散热器 Heat sink must be installed as required when it's used

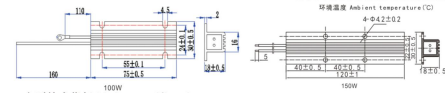
◆应用范围 Applications:

- 风力发电 Wind power generation
- 电子电机 Electric equipment

◆执行标准 Reference standards:

◆Q/LK030-2011

◆外形尺寸 Dimensions:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻³ /°C) Temperature coefficient	使用温度范围(°C) Operating Temp. range	耐电压(V) Over-voltage Withstand voltage
RXLG24	100	1~5K	±1(F) ±2(G) ±5(J)	±250	-55~+155	2500
	150	1~10K	±1(F) ±2(G) ±5(J)	±250	-55~+155	2500

◆主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	试验方法 Methods
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	40N, 30S
温度快速变化 Fast temperature change	$\leq \pm (1\%R \pm 0.05\Omega)$	-55°C, 30min/125°C, 30min, 5次 cycles
短期过负荷 Short time overload	$\leq \pm (1\%R \pm 0.05\Omega)$	10 P _n , 5S
恒定湿热 Constant damp-heat	$\leq \pm (1\%R \pm 0.05\Omega)$	40 ± 2°C, RH93 ± 3%
冲击 Shock	$\leq \pm (1\%R \pm 0.05\Omega)$	50g, 11ms, 183cycles
振动 Vibration	$\leq \pm (1\%R \pm 0.05\Omega)$	10~1000Hz, 0.75mm, 200 m/s ²
绝缘耐电压 Insulation withstand voltage	无击穿或飞弧 No breakdown or flashover	V ₀ , 1min
潮湿耐久度 Endurance	$\leq \pm (5\%R \pm 0.05\Omega)$	40°C, P _n , 1000h

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RXLG 大功率矩形铝外壳线绕电阻器

High power rectangle aluminum shell wire wound resistor

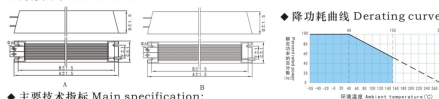
◆产品特点 Features:

- 功率范围较宽 Wide power range
- N系列为无限 N series is noninductive
- 使用时，必需按要求安装散热器 Heat sink must be installed as required when it's used

◆应用范围 Applications:

- 风力发电 Wind power generation
- 电力分配，负载测试 Electric power distribution, load test
- 变频电源等领域 Inverter power supply etc

◆外形尺寸 Dimensions:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	耐电压(V) Withstand voltage	外形尺寸(mm) Dimensions	精度 Precision
RXLG	60	1~1K	±5(J) ±10(K)	1000	A B C D E F	A
	80	1~1K			115 98	
	100	1~1K			140 123	
	120	1~1.2K			190 171	
	150	1~1.2K			215 196	
	200	1~1.5K			265 247	
	300	1~2K			335 317	
	400	1~2.4K			400 381	
	500	1~2.4K			450 430	
	600	2~2.4K			485 465	
	1000	2~3K			550 530	
	2000	3~10K			600 580	

◆主要检验项目、检验方法及性能要求 Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	试验方法 Methods
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	40N, 30S
温度快速变化 Fast temperature change	$\leq \pm (1\%R \pm 0.05\Omega)$	-55°C, 30min/125°C, 30min, 5次 cycles
短期过负荷 Short time overload	$\leq \pm (1\%R \pm 0.05\Omega)$	10 P _n , 5S
恒定湿热 Constant damp-heat	$\leq \pm (1\%R \pm 0.05\Omega)$	40 ± 2°C, RH93 ± 3%
冲击 Shock	$\leq \pm (1\%R \pm 0.05\Omega)$	50g, 11ms, 183cycles
振动 Vibration	$\leq \pm (1\%R \pm 0.05\Omega)$	10~1000Hz, 0.75mm, 200 m/s ²
绝缘耐电压 Insulation withstand voltage	无击穿或飞弧 No breakdown or flashover	V ₀ , 1min
潮湿耐久度 Endurance	$\leq \pm (5\%R \pm 0.05\Omega)$	40°C, P _n , 1000h

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RXLC 功率型船形铝外壳线绕电阻器

Power boat aluminum shell wire wound resistor

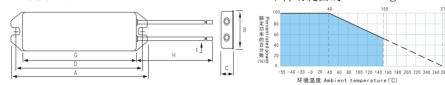
◆产品特点 Features:

- 功率范围较宽 Wide power range
- N系列为无限 N series is noninductive
- 易于安装 Easy to mount

◆应用范围 Applications:

- 电力分配，负载测试 Electric power distribution, load test
- 变频电源等领域 Inverter power supply etc
- 电子电机 Electric equipment

◆外形尺寸 Dimensions:



◆主要技术指标 Main specification:

型号 Type	功率(W) Power	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	耐电压(V) Withstand voltage	外形尺寸 Dimensions(mm)
RXLC	40	1~1K	±5(J) ±10(K)	1000	A B C D G F H
	60	1~2K			79 36 13 69 58 0.75 300
	100	1~5K			130 42 21 118 108 0.75 300
	200	1~10K			182 42 21 165 157 0.75 300

◆主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	试验方法 Methods
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	20N, 30S
温度快速变化 Fast temperature change	$\leq \pm (2\%R \pm 0.05\Omega)$	-55°C, 30min/125°C, 30min, 5次 cycles
短期过负荷 Short time overload	$\leq \pm (1\%R \pm 0.05\Omega)$	10 P _n , 5S
恒定湿热 Constant damp-heat	$\leq \pm (5\%R \pm 0.05\Omega)$	40 ± 2°C, RH93 ± 3%
冲击 Shock	$\leq \pm (1\%R \pm 0.05\Omega)$	50g, 11ms, 183cycles
振动 Vibration	$\leq \pm (1\%R \pm 0.05\Omega)$	10~1000Hz, 0.75mm, 200 m/s ²
绝缘耐电压 Insulation withstand voltage	无击穿或飞弧 No breakdown or flashover	V ₀ , 1min
潮湿耐久度 Endurance	$\leq \pm (5\%R \pm 0.05\Omega)$	40°C, P _n , 1000h

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RXLB-1 功率型超薄铝外壳线绕电阻器

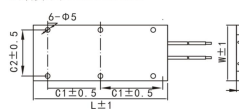
产品特点 Features:

- 功率范围较宽 Wide power range
- N系列为无感 N series is noninductive
- 使用时, 必须按要求安装散热板 Heat sink must be installed as required when it's used

应用范围 Applications:

- 电力分配, 负载测试 Electric power distribution, load test
- 变频器电源等領域 Inverter power supply etc
- 电子整机 Electric equipment

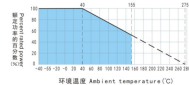
外形尺寸 Dimensions:



执行标准 Reference standards:

Q/KL026-2011

降功耗曲线 Derating curve:



主要技术指标 Main specification:

型号 Type	功率(W) Power	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	额定电压(V) Withstand voltage	外形尺寸(mm) Dimensions
RXLB-1	50	1-50	±5 (J)	1000	L 69 W 58 H 6 C1 53 C2 44
	100	1-100		122	58 6 53 44
	150	1-100		160	58 6 65 44

主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	40N, 30S
温度快速变化 Fast temperature change	$\leq \pm (1\%/R \pm 0.05\%)$	-55℃, 30min/125℃, 30min, 5次 cycles
短期过载 Short time overload	$\leq \pm (1\%/R \pm 0.05\%)$	10P, 5S
恒定湿热 Constant damp-heat	$\leq \pm (1\%/R \pm 0.05\%)$	40 ± 2℃, RH93 ± 3%
冲击 Shock	$\leq \pm (1\%/R \pm 0.05\%)$	50g, 11ms, 180cycles
振动 Vibration	$\leq \pm (1\%/R \pm 0.05\%)$	10-1000Hz, 10g
绝缘耐压 Insulation withstand voltage	无击穿或飞弧 No breakdown or flashover	V_w 1min
耐湿耐久度 Endurance	$\leq \pm (1\%/R \pm 0.05\%)$	40℃, P_w 1000h

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RXLB-2 功率型超薄铝外壳线绕电阻器

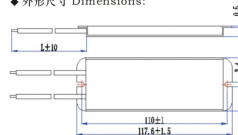
产品特点 Features:

- 功率范围较宽 Wide power range
- N系列为无感 N series is noninductive
- 使用时, 必须按要求安装散热板 Heat sink must be installed as required when it's used

应用范围 Applications:

- 电力分配, 负载测试 Electric power distribution, load test
- 变频器电源等領域 Inverter power supply etc
- 电子整机 Electric equipment

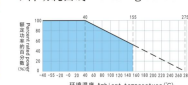
外形尺寸 Dimensions:



执行标准 Reference standards:

Q/KL026-2011

降功耗曲线 Derating curve:



主要技术指标 Main specification:

型号 Type	功率(W) Power	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	额定电压(V) Withstand voltage
RXLB-2	80	10-100	±5 (J)	1000

主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	40N, 30S
温度快速变化 Fast temperature change	$\leq \pm (1\%/R \pm 0.05\%)$	-55℃, 30min/125℃, 30min, 5次 cycles
短期过载 Short time overload	$\leq \pm (1\%/R \pm 0.05\%)$	10P, 5S
恒定湿热 Constant damp-heat	$\leq \pm (1\%/R \pm 0.05\%)$	40 ± 2℃, RH93 ± 3%
冲击 Shock	$\leq \pm (1\%/R \pm 0.05\%)$	50g, 11ms, 180cycles
振动 Vibration	$\leq \pm (1\%/R \pm 0.05\%)$	10-1000Hz, 10g
绝缘耐压 Insulation withstand voltage	无击穿或飞弧 No breakdown or flashover	V_w 1min
耐湿耐久度 Endurance	$\leq \pm (1\%/R \pm 0.05\%)$	40℃, P_w 1000h

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RXLB-3 功率型超薄铝外壳线绕电阻器

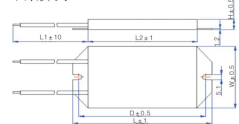
产品特点 Features:

- 功率范围较宽 Wide power range
- N系列为无感 N series is noninductive
- 使用时, 必须按要求安装散热板 Heat sink must be installed as required when it's used

应用范围 Applications:

- 风力发电 Wind power generation
- 电力分配, 负载测试 Electric power distribution, load test
- 变频器电源等領域 Inverter power supply etc

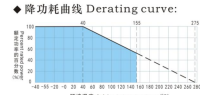
外形尺寸 Dimensions:



执行标准 Reference standards:

Q/KL026-2011

降功耗曲线 Derating curve:



主要技术指标 Main specification:

型号 Type	功率(W) Power	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	外形尺寸(mm) Dimensions
RXLB-3	40	1-100	±5 (J)	L 119 W 200 H 100 D 109 W 30 5
	60			119 200 93 103 45 8
	70			100 200 75 80 45 8
	80			119 200 98 109 30 5
RXLB-3L	80	1-100	±10 (K)	129 200 85 99 60 10
	80			125 200 110 117 36 10

主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
温度快速变化 Fast temperature change	$\leq \pm (1\%/R \pm 0.05\%)$	-55℃, 30min/125℃, 30min, 5次 cycles
短期过载 Short time overload	$\leq \pm (1\%/R \pm 0.05\%)$	10P, 5S
恒定湿热 Constant damp-heat	$\leq \pm (1\%/R \pm 0.05\%)$	40 ± 2℃, RH93 ± 3%
冲击 Shock	$\leq \pm (1\%/R \pm 0.05\%)$	50g, 11ms, 180cycles
振动 Vibration	$\leq \pm (1\%/R \pm 0.05\%)$	10-1000Hz, 0.75mm, 200ms ²
绝缘耐压 Insulation withstand voltage	无击穿或飞弧 No breakdown or flashover	V_w 1min
耐湿耐久度 Endurance	$\leq \pm (1\%/R \pm 0.05\%)$	40℃, P_w 1000h

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RXLB-4 功率型超薄铝外壳线绕电阻器

产品特点 Features:

- 功率范围较宽 Wide power range
- N系列为无感 N series is noninductive
- 使用时, 必须按要求安装散热板 Heat sink must be installed as required when it's used

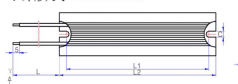
应用范围 Applications:

- 电力分配, 负载测试 Electric power distribution, load test
- 变频器电源等領域 Inverter power supply etc
- 电子整机 Electric equipment

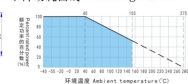
执行标准 Reference standards:

Q/KL026-2011

外形尺寸 Dimensions:



降功耗曲线 Derating curve:



主要技术指标 Main specification:

型号 Type	功率(W) Power	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	额定电压(V) Withstand voltage	外形尺寸(mm) Dimensions
RXLB-4	40	1-50	±5 (J)	1000	L 200 W 27.5 H 11 65 72.5 3.5
	60				200 41 7 100 115 5.6
	80				200 41 7 150 165 5.6
	100				200 27.5 11 86.5 100 4.5

主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
温度快速变化 Fast temperature change	$\leq \pm (1\%/R \pm 0.05\%)$	-55℃, 30min/125℃, 30min, 5次 cycles
短期过载 Short time overload	$\leq \pm (1\%/R \pm 0.05\%)$	10P, 5S
恒定湿热 Constant damp-heat	$\leq \pm (1\%/R \pm 0.05\%)$	40 ± 2℃, RH93 ± 3%
冲击 Shock	$\leq \pm (1\%/R \pm 0.05\%)$	50g, 11ms, 180cycles
振动 Vibration	$\leq \pm (1\%/R \pm 0.05\%)$	10-1000Hz, 0.75mm, 200ms ²
绝缘耐压 Insulation withstand voltage	无击穿或飞弧 No breakdown or flashover	V_w 1min
耐湿耐久度 Endurance	$\leq \pm (1\%/R \pm 0.05\%)$	40℃, P_w 1000h

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RXTB 功率型超薄不锈钢外壳线绕电阻器

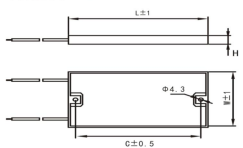
产品特点 Features:

- 功率范围较宽 Wide power range
- N系列为无感 N series is noninductive
- 使用时, 必需按要求的安装散热板 Heat sink must be installed as required when it's used

应用范围 Applications:

- 电力分配, 负载测试 Electric power distribution, load test
- 变频电源等领域 Inverter power supply etc
- 电子整机 Electric equipment

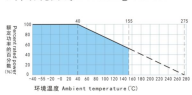
外形尺寸 Dimensions:



执行标准 Reference standards:

- GB/T5729-2003

降功耗曲线 Derating curve:



主要技术指标 Main specification:

型号 Type	功率(W) Power	阻值范围(Ω) Resistance Range	阻值精度 Tolerance Range	额定电压(V) Withstand voltage	外形尺寸 Dimensions(mm)
RXTB	30	1-500	±5%(J)	1000	L W H C
	50	1-500	±10%(K)		90 42 6 78

主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	40N, 30S
温度快速变化 Fast temperature change	$\leq \pm (2\%R \pm 0.05\Omega)$	-55°C, 30min/125°C, 30min, 5次 cycles
短期过载 Short time overload	$\leq \pm (1\%R \pm 0.05\Omega)$	10P, 5S
恒定湿热 Constant damp heat	$\leq \pm (5\%R \pm 0.05\Omega)$	40±2°C, RH93±3%
冲击 Shock	$\leq \pm (1\%R \pm 0.05\Omega)$	50g, 11ms, 180cycles
振动 Vibration	$\leq \pm (1\%R \pm 0.05\Omega)$	10-1000Hz, 10g
绝缘耐压 Insulation withstand voltage	无击穿或飞弧 No breakdown or flashover	V ₀ 1min
高温耐久寿命 Endurance	$\leq \pm (5\%R \pm 0.05\Omega)$	40°C, P ₀ , 1000h

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RXYB 功率型超薄云母外壳线绕电阻器

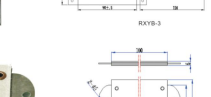
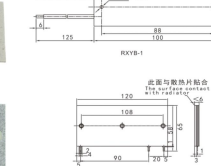
产品特点 Features:

- 功率范围较宽 Wide power range
- N系列为无感 N series is noninductive
- 使用时, 必需按要求的安装散热板 Heat sink must be installed as required when it's used

应用范围 Applications:

- 电力分配, 负载测试 Electric power distribution, load test
- 变频电源等领域 Inverter power supply etc
- 电子整机 Electric equipment

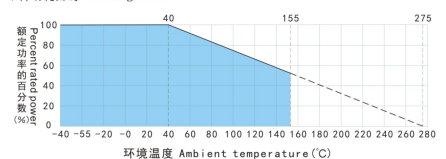
外形尺寸 Dimensions:



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降功耗曲线 Derating curve:



主要技术指标 Main specification:

型号 Type	功率(W) Power	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	额定电压(V) Withstand voltage
RXYB-1	50	10-100		
RXYB-2	100	10-100	±5%(J)	1000
RXYB-3	80	10-100	±10%(K)	
RXYB-4	80	10-100		

主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	20N, 30S
温度快速变化 Fast temperature change	$\leq \pm (2\%R \pm 0.05\Omega)$	-55°C, 30min/125°C, 30min, 5次 cycles
短期过载 Short time overload	$\leq \pm (1\%R \pm 0.05\Omega)$	10P, 5S
恒定湿热 Constant damp heat	$\leq \pm (5\%R \pm 0.05\Omega)$	40±2°C, RH93±3%
冲击 Shock	$\leq \pm (1\%R \pm 0.05\Omega)$	50g, 11ms
振动 Vibration	$\leq \pm (1\%R \pm 0.05\Omega)$	10-1000Hz, 10g
绝缘耐压 Insulation withstand voltage	无击穿或飞弧 No breakdown or flashover	V ₀ 1min
高温耐久寿命 Endurance	$\leq \pm (5\%R \pm 0.05\Omega)$	40°C, P ₀ , 1000h

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RXG300/800 大功率(铝外壳)线绕电阻器

产品特点 Features:

- 高温耐受性优良 Excellent high temperature load performance
- 耐潮湿, 耐腐蚀, 可在恶劣环境中使用。 Moisture resistance, corrosion resistance, can be used in harsh environments
- 过载能力强 High over loading ability

应用范围 Applications:

- 电力机车 Electric locomotive
- 其他电子设备 Other electrical equipments

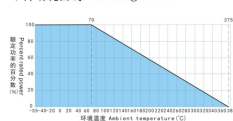
执行标准 Reference standards:

- GB/T5729-2003

外形尺寸 Dimensions:



降功耗曲线 Derating curve:



主要技术指标 Main specification:

型号 Type	额定功率 Rated Power	功率公差 Aspect of electronic power	外形尺寸(mm) Dimensions L D	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	额定电压(V) Withstand voltage	绝缘电阻(MΩ) Insulation Resistance	电阻器外壳 Resistor shell
RXG300A	600	800	66 270	5.1-7.5K		4000	1000	
RXG400A	300	400	66 165	5.1-3K		4000	1000	
RXG800B	600	800	85 230	6.8-10K		6000	1000	
RXG1000B	800	1000	85 270	10-12K		6000	1000	
RXG800C	600	800	68 253	5.1-6.8K		4000	1000	
RXG600D	400	600	51 270	5.1-4.7K		4000	1000	陶瓷外壳 Ceramic shell
RXG300D	200	300	51 165	5.1-2K		4000	1000	

主要检验项目、检验方法及性能要求 Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
短期过载 Short time overload	$\leq \pm (1\%R \pm 0.05\Omega)$	10P, 5S
冲击 Shock	$\leq \pm (1\%R \pm 0.05\Omega)$	100ms, 49dB
振动 Vibration	$\leq \pm (1\%R \pm 0.05\Omega)$	10-1000Hz, 0.75mm, 200m/s ²
温度快速变化 Fast temperature change	$\leq \pm (1\%R \pm 0.05\Omega)$	-55°C, 30min/125°C, 30min, 5次 cycles
70°C耐久寿命 Endurance at 70°C	$\leq \pm (5\%R \pm 0.05\Omega)$	70°C, P ₀ , 1000h

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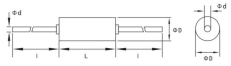
RX70/RX11高精度精密线绕电阻器

- ◆产品特点 Features:
- 高精度-低温度系数 Close tolerance-Low T.C.R
- 耐潮湿、耐酸性、可在恶劣环境中使用。 Moisture resistance, corrosion resistance, can be used in harsh environments
- 绝缘性能好 Perfect insulation
- ◆应用范围 Applications:
- 仪器、仪表 Meters and instruments
- 电子衡器 Electronic weighing apparatus
- 各类电子产品 Electric devices

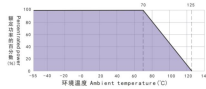
◆执行标准 Reference standards:

●SJ905-74

◆外形尺寸 Dimensions:



◆降功耗曲线 Derating curve:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻⁵ /°C) Temperature coefficient	最高工作电压(V) Max Working Voltage	绝缘电压(V) Insulation Voltage
RX70	0.25	8 15.5	1-500K	±0.1(L)	±10 ±25	300	350
	0.5	12 21	1-1M	±0.25(T)		500	700
	0.75	12 27	1-1M	±0.05(W)		500	700
	1	15 27.5	1-1M	±0.1(R)		1000	1400
	2	18 38	1-1M	±0.2(C)		1000	1400

◆主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
可靠性 Reliability	≥95%	255 ± 5°C, 2 ± 0.5s
阻值随温度变化 TCR	±10 ± 25 × 10 ⁻⁵ /°C	-55°C/20°C, 20°C/125°C
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	10N, 30S
恒定湿热 Constant damp heat	≤ ± (0.5%/R ± 0.05 Ω)	40 ± 2°C, RH(65 ± 3%)
振动 Vibration	≤ ± (0.25%/R ± 0.05 Ω)	10-1000Hz, 0.75mm, 200 m/s ²
冲击 Shock	≤ ± (0.25%/R ± 0.05 Ω)	1000m/s ² , 6ms
过载 Over load	≤ ± (0.25%/R ± 0.05 Ω)	2.5W, 5S
70°C耐久度 Endurance at 70°C	≤ ± (0.5%/R ± 0.05 Ω)	70°C, P _n , 1000h

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RX71/RXJX 铝壳精密线绕电阻器

- ◆产品特点 Features:
- 高精度-低温度系数 Close tolerance-Low T.C.R
- 绝缘性好 Perfect insulation
- ◆应用范围 Applications:
- 仪器、仪表 Meters and instruments
- 电子衡器 Electronic weighing apparatus
- 各类电子产品 Electric devices

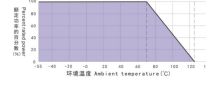
◆执行标准 Reference standards:

●SJ905-74

◆外形尺寸 Dimensions:



◆降功耗曲线 Derating curve:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻⁵ /°C) Temperature coefficient	最高工作电压(V) Max Working Voltage	绝缘电压(V) Insulation Voltage
RX71	0.25	5 12	1-100K	±0.05(W)	±5	200	350
	0.5	7.5 15	0.8 ± 0.5, 25 ± 5	±0.1(R)		300	600
	1	10 23	1-1M	±0.2(C)		500	1000

◆主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
可靠性 Reliability	≥95%	255 ± 5°C, 2 ± 0.5s
阻值随温度变化 TCR	±25 ± 10 ⁻⁵ /°C	-55°C/20°C, 20°C/125°C
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	10N, 30S
恒定湿热 Constant damp heat	≤ ± (0.5%/R ± 0.05 Ω)	40 ± 2°C, RH(65 ± 3%)
振动 Vibration	≤ ± (0.25%/R ± 0.05 Ω)	10-1000Hz, 0.75mm, 200 m/s ²
冲击 Shock	≤ ± (0.25%/R ± 0.05 Ω)	1000m/s ² , 6ms
过载 Over load	≤ ± (0.25%/R ± 0.05 Ω)	2.5W, 5S
70°C耐久度 Endurance at 70°C	≤ ± (0.5%/R ± 0.05 Ω)	70°C, P _n , 1000h

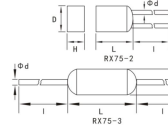
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RX75/RX12小型精密线绕电阻器

- ◆产品特点 Features:
- 高精度-低温度系数 Close tolerance-Low T.C.R
- 耐潮湿、耐酸性、可在恶劣环境中使用。 Moisture resistance, corrosion resistance, can be used in harsh environments
- 体积小、阻值高 Small size, high resistance value
- ◆应用范围 Applications:
- 仪器、仪表 Meters and instruments
- 电子衡器 Electronic weighing apparatus
- 各类电子产品 Electric devices

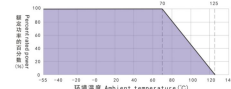
◆外形尺寸 Dimensions:



◆执行标准 Reference standards:

●SJ907-74

◆降功耗曲线 Derating curve:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻⁵ /°C) Temperature coefficient	最高工作电压(V) Max Working Voltage	绝缘电压(V) Insulation Voltage
RX75-2(RX12-2)	0.25	7.5 15	10-200K	0.1(R)	±10 ±25	250	350
	0.5	12 21	10-200K	0.25(C)		500	700
RX75-3(RX12-3)	0.125	3.2 / 10	0.6 23 ± 2	5.1-47K	1.0(F)	75	100

◆主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
可靠性 Reliability	≥95%	255 ± 5°C, 2 ± 0.5s
阻值随温度变化 TCR	±10 ± 25 × 10 ⁻⁵ /°C	-55°C/20°C, 20°C/125°C
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	10N, 30S
恒定湿热 Constant damp heat	≤ ± (0.5%/R ± 0.05 Ω)	40 ± 2°C, RH(65 ± 3%)
振动 Vibration	≤ ± (0.25%/R ± 0.05 Ω)	10-1000Hz, 0.75mm, 200 m/s ²
冲击 Shock	≤ ± (0.25%/R ± 0.05 Ω)	1000m/s ² , 6ms
过载 Over load	≤ ± (0.25%/R ± 0.05 Ω)	2.5W, 5S
70°C耐久度 Endurance at 70°C	≤ ± (0.5%/R ± 0.05 Ω)	70°C, P _n , 1000h

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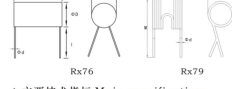
RX76/RX10低阻值精密线绕电阻器

- ◆产品特点 Features:
- 高精度-低温度系数 Close tolerance-Low T.C.R
- 耐潮湿、耐酸性、可在恶劣环境中使用。 Moisture resistance, corrosion resistance, can be used in harsh environments
- 阻值低、低电感 Low resistance and low inductance
- ◆应用范围 Applications:
- 仪器、仪表 Meters and instruments
- 电子衡器 Electronic weighing apparatus
- 各类电子产品 Electric devices

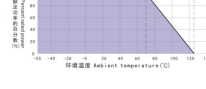
◆执行标准 Reference standards:

●SJ904-74

◆外形尺寸 Dimensions:



◆降功耗曲线 Derating curve:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻⁵ /°C) Temperature coefficient	最高工作电压(V) Max Working Voltage	绝缘电压(V) Insulation Voltage
RX76	1/2	8 15.5	0.005-10	±0.05(W)	±5 ±50	250	350
	1	12 21	0.005-10	±0.1(R)		500	700
	2	15 27.5	0.005-10	±0.25(C)		500	700
RX79	1	12.5 13	0.01-0.1	±0.1(W)	±10 ±25	75	100
	2	12.5 13	0.01-0.1	±0.25(W)		75	100
	6	17 28	0.01-0.1	±0.5(C)		75	100

◆主要检验项目、检验方法及性能要求

Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
可靠性 Reliability	≥95%	255 ± 5°C, 2 ± 0.5s
阻值随温度变化 TCR	±5 ± 10 ⁻⁵ /°C	-55°C/20°C, 20°C/125°C
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	10N, 30S
恒定湿热 Constant damp heat	≤ ± (0.5%/R ± 0.05 Ω)	40 ± 2°C, RH(65 ± 3%)
振动 Vibration	≤ ± (0.25%/R ± 0.05 Ω)	10-1000Hz, 0.75mm, 200 m/s ²
冲击 Shock	≤ ± (0.25%/R ± 0.05 Ω)	1000m/s ² , 6ms
过载 Over load	≤ ± (0.25%/R ± 0.05 Ω)	2.5W, 5S
70°C耐久度 Endurance at 70°C	≤ ± (0.5%/R ± 0.05 Ω)	70°C, P _n , 1000h

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BVR 超低阻值精密线绕电阻器

- ◆产品特点 Features:
 - ◆高精度-低温度系数 Close tolerance-Low T.C.R
 - ◆耐潮湿、耐酸蚀、可在恶劣环境中使用。 Moisture resistance , corrosion resistance , can be used in harsh environments
 - ◆低阻值、低电感 Low resistance and low inductance

- ◆应用范围 Applications:
 - ◆仪器、仪表 Meters and instruments
 - ◆电子称量 Electronic weighing apparatus
 - ◆各类电子产品 Electrical devices

◆外形尺寸 Dimensions:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance
BVR-1	1	5.2±0.1	2.7±0.2	0.01~0.05
BVR-2	2	11.0±0.1	2.92±0.2	0.01~0.1
BVR-3	3	14.2±0.2	5.25±0.2	0.001~0.2
BVR-3S	19	7		0.001~0.3
BVR-5	5	23.5±0.2	8.43±0.2	±1(F) ±5(J) ±10(K)
BVR-5S	27.5	9.5		
BVR-10	46.4±0.2	9.96±0.2		0.001~0.8
BVR-10S	50	10.5		

◆主要检验项目、检验方法及性能要求 Main inspection items,methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
可焊性 Solder ability	≥95%	235±5℃, 2±0.5S
引出端强度 Terminal tensile strength	无机械损伤 No mechanical damage	20N, 30S
恒定湿热 Constant damp heat	$\leq \pm (0.5\%R \pm 0.05\Omega)$	40±2℃, RH93±3%
振动 Vibration	$\leq \pm (0.25\%R \pm 0.05\Omega)$	10~1000Hz, 0.75mm, 200 m/s ²
冲击 Shock	$\leq \pm (0.25\%R \pm 0.05\Omega)$	1000m/s ² , 6ms
过载 Over load	$\leq \pm (0.5\%R \pm 0.05\Omega)$	5P ₁ /5S
70℃耐久度 Endurance at 70℃	$\leq \pm (2\%R \pm 0.05\Omega)$	70℃, P ₁ , 1000h

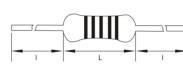
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RJ13/14/15/16/17金属膜电阻器

- ◆产品特点 Features:
 - ◆优良的高频特性 Excellent high frequency characteristic
 - ◆低噪声系数 Low noise coefficient

- ◆应用范围 Applications:
 - ◆仪器、仪表 Meters and instruments
 - ◆各类电子产品 Electric devices

◆外形尺寸 Dimensions:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	温度系数 (±10℃) Temperature coefficient	最高工作电压(V) Max Working Voltage	绝缘电压(V) Insulate Voltage
RJ13	1/6	5.9±0.15	3.5±0.2	0.45	1~1M	250±5V	300
RJ14	1/4	2.5±0.2	6.8±0.3	0.52	1~2.2K	250	400
RJ15	1/2	3.0±0.3	10±0.5	0.60	25±3	350	500
RJ16	1	5±0.3	12±0.5	0.80	1~5.1M	350	500
RJ17	2	5.5±0.3	16±0.5	0.80	1~10M	500	700

◆主要检验项目、检验方法及性能要求 Main inspection items,methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
可焊性 Solder ability	≥95%	235±5℃, 2±0.5S
绝缘电阻变化 ICR	$\leq 100 \times 10^{-10}\Omega$	-55℃/20℃, 20℃/125℃
引出端强度 Terminal tensile strength	无机械损伤 No mechanical damage	10N, 30S
耐电压 Withstand voltage	无击穿或飞弧 No breakdown or flashover	V ₁ , 1min
温度快速变化 Fast temperature change	$\leq \pm (1\%R \pm 0.05\Omega)$	-55℃, 30min/125℃, 30min, 5 cycles
恒定湿热 Constant damp heat	$\leq \pm (1\%R \pm 0.05\Omega)$	40±2℃, RH93±3%
振动 Vibration	$\leq \pm (1\%R \pm 0.05\Omega)$	10~1000Hz, 0.75mm, 200 m/s ²
冲击 Shock	$\leq \pm (1\%R \pm 0.05\Omega)$	1000m/s ² , 6ms
过载 Over load	$\leq \pm (1\%R \pm 0.05\Omega)$	2.5V ₁ /5S
70℃耐久度 Endurance at 70℃	$\leq \pm (2\%R \pm 0.05\Omega)$	70℃, P ₁ , 1000h

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RY15/16/17/18/19金属氧化膜电阻器

- ◆产品特点 Features:
 - ◆高过载能力 High over loading ability
 - ◆优良的高频特性 Excellent high frequency characteristic
 - ◆低噪声系数 Low noise coefficient

- ◆应用范围 Applications:
 - ◆仪器、仪表 Meters and instruments
 - ◆各类电子产品 Electric devices

◆执行标准 Reference standards:

◆GB/T5729-2003

◆外形尺寸 Dimensions:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	温度系数 (±10℃) Temperature coefficient	最高工作电压(V) Max Working Voltage	绝缘电压(V) Insulate Voltage
RY15	1/2	3.5	10	0.6	1~50K	250	400
RY16	1	5	12	0.7	1~50K	350	600
RY17	2	5.5	16	0.8	1~100K	350	600
RY18	3	6.5	17.5	0.8	1~100K	500	800
RY19	5	8.5	26	0.8	1~200K	700	1000

◆主要检验项目、检验方法及性能要求 Main inspection items,methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
可焊性 Solder ability	≥95%	235±5℃, 2±0.5S
绝缘电阻变化 ICR	$\leq 100 \times 10^{-10}\Omega$	-55℃/20℃, 20℃/125℃
引出端强度 Terminal tensile strength	无机械损伤 No mechanical damage	20N, 30S
耐电压 Withstand voltage	无击穿或飞弧 No breakdown or flashover	V ₁ , 1min
温度快速变化 Fast temperature change	$\leq \pm (1\%R \pm 0.05\Omega)$	-55℃, 30min/125℃, 30min, 5 cycles
恒定湿热 Constant damp heat	$\leq \pm (1\%R \pm 0.05\Omega)$	40±2℃, RH93±3%
振动 Vibration	$\leq \pm (1\%R \pm 0.05\Omega)$	10~1000Hz, 0.75mm, 200 m/s ²
冲击 Shock	$\leq \pm (1\%R \pm 0.05\Omega)$	1000m/s ² , 6ms
过载 Over load	$\leq \pm (1\%R \pm 0.05\Omega)$	2.5V ₁ /5S
70℃耐久度 Endurance at 70℃	$\leq \pm (2\%R \pm 0.05\Omega)$	70℃, P ₁ , 1000h

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MELF 柱状精密贴片金属膜电阻器

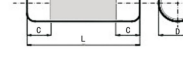
- ◆产品特点 Features:
 - ◆高精度-低温度系数 Close tolerance-Low T.C.R
 - ◆高精温度精度 Precision tolerance of value
 - ◆阻值范围宽 Wide resistance range

- ◆应用范围 Applications:
 - ◆仪器、仪表 Meters and instruments
 - ◆各类电子产品 Electric devices

◆执行标准 Reference standards:

◆GB/T5729-2003

◆外形尺寸 Dimensions:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	温度系数 (±10℃) Temperature coefficient	最高工作电压(V) Max Working Voltage
MELF0204	1/4	1.35	3.50	1.00	1~2M	200
MELF0207	1/2	2.15	5.60	1.40	1~2M	250

◆主要检验项目、检验方法及性能要求 Main inspection items,methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
寿命 Load Life	$\Delta R \leq \pm (0.50\%R \pm 0.01\Omega)$	R ₁ , 70℃, 2000h
恒定湿热 Constant damp heat	$\Delta R \leq \pm (0.40\%R \pm 0.01\Omega)$	40±2℃, RH93±3%
温度快速变化 Fast temperature change	$\Delta R \leq \pm (0.20\%R \pm 0.01\Omega)$	-55℃, 30min/125℃, 30min, 5 cycles
可焊性 Solderability	≥95%	235℃, 2±0.5S
耐焊性 Resistance to soldering heat	$\Delta R \leq \pm (0.10\%R \pm 0.01\Omega)$	260±5℃, 10±2S
过载 Over load	$\Delta R \leq \pm (0.20\%R \pm 0.01\Omega)$	2.5V ₁ , 5S

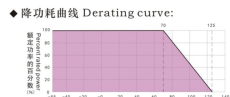
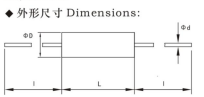
◆订货示例 How to order:

MELF0204	10W	B	C3
产品型号	阻值	精度	温度系数
Type	Resistance	Tolerance	TCR

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EE/RE 精密金属膜电阻器 Precision metal film resistors

- ◆产品特点 Features:
- 高精度-低温度系数 Close tolerances-Low T.C.R
- 优越的高频特性 Excellent high frequency characteristic
- 高可靠性 High reliability
- ◆应用范围 Applications:
- 仪器、仪表 Meters and instruments
- 电子衡器 Electronic weighing apparatus
- 各类电子产品 Electric devices
- ◆执行标准 Reference standards:
- GB/T5729-2003



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions	阻值范围(MΩ) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻³ /°C) Temperature coefficient	最高工作电压(V) Max Working Voltage
EE120	0.125	1.9 4.3	0.45 25	10-1M		200
EE110	0.25	2.5 6.8	0.60 35	20-3M	±0.02P	250
EE18	0.5	3.8 10.2	0.60 35	20-3M		300
EE14	0.75	5.2 15.1	0.60 35	20-10M	±0.05(W)	300
EE12	1	6.5 18.4	0.80 35	20-15M	±0.1(B)	±15 ±20 350
RE50	0.125	1.4 4.0	0.4 25	10-1M	±0.2(C)	250
RE55	0.25	2.05 6.8	0.6 30	20-3M	±0.5(D)	250
RE60	0.5	3.2 9.8	0.6 30	20-5M	±1(F)	300
RE65	0.75	3.5 13.5	0.6 30	20-10M		300
RE70	1.0	4.65 14.1	0.8 30	20-15M		350
RE75	1.5	7.2 17.8	0.8 30	20-15M		350

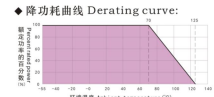
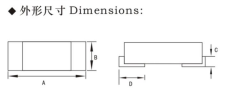
◆主要检验项目、检验方法及性能要求 Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
引出强度 Tensile strength	无机械损伤 No mechanical damage	25N, 30S
额定电压 Rated voltage	无击穿或短路 No breakdown or flashover	V ₂ , 1min
温度稳定性 Fast temperature change	≤ ± (0.5%/R ± 0.05%)	-55°C, 30min/125°C, 30min, 5 cycles
恒定湿热 Constant damp-heat	≤ ± (1%/R ± 0.05%)	40 ± 2°C, RH93 ± 3%
振动 Vibration	≤ ± (0.5%/R ± 0.05%)	10-1000Hz, 0.75mm, 200 m/s ²
冲击 Shock	≤ ± (0.5%/R ± 0.05%)	1000m/s ² , 6ms
过载 Over-load	≤ ± (0.5%/R ± 0.05%)	2.5W, 5s
70°C持久性 Endurance at 70°C	≤ ± (1%/R ± 0.05%)	70°C, P ₀ , 1000h

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BNR 低阻值表面贴片电阻器 SMD moulded wire-wound resistors

- ◆产品特点 Features:
- 高精度-低温度系数 Close tolerances-Low T.C.R
- 表面贴片, 适合自动化作业 SMD for automatic surface mounting
- 低阻值, 低电感 Low resistance and low inductance
- ◆应用范围 Applications:
- 仪器、仪表 Meters and instruments
- 电子衡器 Electronic weighing apparatus
- 各类电子产品 Electric devices
- ◆执行标准 Reference standards:
- GB/T5729-2003



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	外形尺寸(mm) Dimensions	阻值范围(MΩ) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻³ /°C) Temperature coefficient
BNR2512	1	6.4 3.18 2.41 1.56	7-500	±1, ±5	±50
BNR0510	2	11.56 6.98 2.41 2.54	5-1000		

◆主要检验项目、检验方法及性能要求 Main inspection items, methods & requirements:

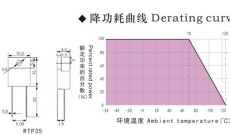
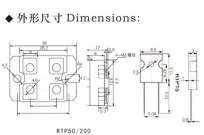
检验项目 Items	性能要求 Requirements	检验方法 Methods
可靠性 Reliability	≥95%	25±5°C, 2 ± 0.05
阻值温度变化 TCR	±50 × 10 ⁻³ /°C	-55°C/0°C, 20°C/125°C
恒定湿热 Constant damp-heat	≤ ± (0.5%/R ± 0.05%)	40 ± 2°C, RH93 ± 3%
振动 Vibration	≤ ± (0.5%/R ± 0.05%)	10-1000Hz, 0.75mm, 200 m/s ²
冲击 Shock	≤ ± (0.5%/R ± 0.05%)	1000m/s ² , 6ms
过载 Over-load	≤ ± (0.5%/R ± 0.05%)	2.5W, 5s
70°C持久性 Endurance at 70°C	≤ ± (1%/R ± 0.05%)	70°C, P ₀ , 1000h

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RTP 功率型厚膜电阻器 Power Thick Film Resistors

- ◆产品特点 Features:
- 高精度-低温度系数 Close tolerances-Low T.C.R
- 低阻值, 低电感 Low resistance and low inductance
- ◆应用范围 Applications:
- 仪器、仪表 Meters and instruments
- 各类电子产品 Electric devices
- ◆执行标准 Reference standards:
- GB/T5729-2003



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	阻值 (Ω) Resistance	阻值范围(MΩ) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻³ /°C) Temperature coefficient	最大工作电压 Max Working Voltage	气候类别 Climate Category
RTP15	15	6.5		±1	±50	350	
RTP35	35	6.5		±1	±50	50/125/06	
RTP50 (D)	50	1	0.1-1	±5	±100		
RTP100 (D)	100	0.5		±0.5	±250		
RTP150	150	1				1000	
RTP200	200	0.5					

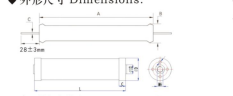
◆主要检验项目、检验方法及性能要求 Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
过载 Over-load	≤ ± (0.25%/R ± 0.05%)	2.5W, 5s
温度稳定性 Fast temperature change	≤ ± (0.25%/R ± 0.05%)	-55°C, 30min/125°C, 30min, 5 cycles
恒定湿热 Endurance	≤ ± (0.1%/R ± 0.05%)	15°C-35°C, RH 100%
恒定湿热 Constant damp-heat	≤ ± (0.1%/R ± 0.05%)	40°C, RH93 ± 3%, 56d

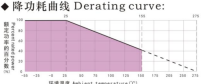
电话(TEL): 0552-2829660/036611 传真(FAX): 0552-2829777 网站(WEB): www.bbnktd.com 电子邮箱(E-mail): shang@bbnku.com, wanke@bbnku.com

RI80A/B 高压玻璃釉膜电阻器 High voltage thick film resistors

- ◆产品特点 Features:
- 体积小, 耐压高 Small size, high resistance value
- 通过能力大 High over loading ability
- 负电压耐压 High voltage load
- ◆应用范围 Applications:
- 仪器、仪表 Meters and instruments
- 电力分配, 负载限制 Electric power distribution, load test
- 各类电子产品 Electrical devices
- ◆外形尺寸 Dimensions:



- ◆执行标准 Reference standards:
- GB/T5729-2003
- ◆降功耗曲线 Derating curve:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	阻值范围(MΩ) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻³ /°C) Temperature coefficient	最大工作电压(V) Max Working Voltage
RI80B-10	10	44.5 12.7 6.4	1-20M		15
RI80B-20	20	51 12.7 6.4	1-20M		15
RI80B-30	30	63.5 19 12.7	1-20M		20
RI80B-40	40	127 19 12.7	1-20M		30
RI80B-100	100	152.5 25.4 19	1-20M		35
RI80B-150	150	203.2 25.4 19	1-20M		50
RI80B-300	300	304.8 25.4 19	1-20M		80
RI80B-500	500	457.2 25.4 25.4	1-20M		80

型号 Type	额定功率(W) Rated Power	阻值范围(MΩ) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻³ /°C) Temperature coefficient	最大工作电压(V) Max Working Voltage
RI80B-10	10	44.5 12.7 6.4	1-20M		15
RI80B-20	20	51 12.7 6.4	1-20M		15
RI80B-30	30	63.5 19 12.7	1-20M		20
RI80B-40	40	127 19 12.7	1-20M		30
RI80B-100	100	152.5 25.4 19	1-20M		35
RI80B-150	150	203.2 25.4 19	1-20M		50
RI80B-300	300	304.8 25.4 19	1-20M		80
RI80B-500	500	457.2 25.4 25.4	1-20M		80

◆技术参数 Specification:

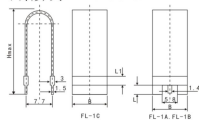
特点 Features	符合一标准符合	符合二标准符合	符合三标准符合
宽阻值范围 Wide Resistance range	符合一标准符合	符合二标准符合	符合三标准符合
高电压耐压 High voltage apply	符合一标准符合	符合二标准符合	符合三标准符合
温度系数(×10 ⁻³ /°C) Temperature coefficient	±1 (F), ±5 (J), ±10 (K)	±25, ±50	±1 (F), ±5 (J), ±10 (K)
阻值精度(%) Reliability	±100	±0.25	±0.5

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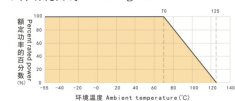
FL-1精密分流器

- ◆产品特点 Features:
 - 低阻值、低电感 Low resistance and low inductance
 - 高可靠性 High reliability
- ◆应用范围 Applications:
 - 仪器、仪表 Meters and instruments
 - 用于电源等回路的测试、均流或取样检测
- ◆执行标准 Reference standards:
 - GB/T5729-2003

◆外形尺寸 Dimensions:



◆降功耗曲线 Derating curve:



型号 Type	Hmax	B	L	L1	焊脚形式 Solder at terminal
FL-1A	37	18	3	3	三脚 Three feet
FL-1B	60	30	5	5	三脚 Three feet
FL-1C	32	15	3	3	单脚 A single foot

◆主要技术指标 Main specification:

型号 Type	额定电流(A) Rated current	额定电压降(mV) Rated Voltage Drop	标称阻值(mΩ) Nominal Resistance	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻³ °C) Temperature coefficient
FL-1A-30	30	50	1.6667	±0.5(D)	±25
FL-1A-50	50	50	1.0000		
FL-1A-60	60	50	0.8333		
FL-1B-60	60	50	0.8333		
FL-1B-75	75	50	0.6667	±1(F)	±50
FL-1B-100	100	50	0.5000		
FL-1C-30	30	45	1.5000		
FL-1C-60	60	45	0.7500		

◆订货示例 How to order:

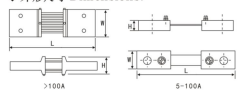
FL-1A — 60A — 50mV — ±0.5%
产品型号 — 额定电流 — 额定电压降 — 精度
Type — Rated current — Rated Voltage Drop — Tolerance

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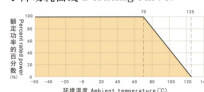
FL-2精密分流器

- ◆产品特点 Features:
 - 低阻值、低电感 Low resistance and low inductance
 - 高可靠性 High reliability
- ◆应用范围 Applications:
 - 仪器、仪表 Meters and instruments
 - 用于电源等回路的测试、均流或取样检测
- ◆执行标准 Reference standards:
 - GB/T5729-2003

◆外形尺寸 Dimensions:



◆降功耗曲线 Derating curve:



◆主要技术指标 Main specification:

型号 Type	额定电流(A) Rated current	50mV	40mV	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻³ °C) Temperature coefficient
FL-2	5-50	135×30×30	150×30×30	120×25×16	±0.5(D) ±1(F) ±50
	75-200	135×30×32	150×30×32	110×25×12	
	300	116×35×18.5	150×30×32	128×26×22	
	400	116×44×18.5	150×30×32	128×28×22	
	500	116×55×18.5	150×40×32	128×45×22	
	600	122×55×21	132×55×21	128×62×22	
	750	122×70×21	132×70×21	128×76×22	
	1000	159×70×21	172×70×21	128×96×22	
	2000	190×100×38	199×100×32	128×95×22	
	3000	273×103×64	281×103×64	210×145×100	
	4000	290×110×82	300×110×82	210×195×150	
	5000	315×128×105	323×128×106	290×195×150	
	6000	320×133×115	323×133×115	290×240×150	
	7500	327×133×115	337×133×115	290×320×150	
	10000	327×200×115	337×200×115	290×400×150	

◆订货示例 How to order:

FL-2 — 200A — 75mV — ±0.5%
产品型号 — 额定电流 — 额定电压降 — 精度
Type — Rate current — Rated Voltage Drop — Tolerance

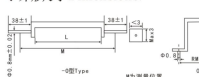
电话(Tel): 0552-2829660/2829611 传真(Fax): 0552-2829777 网站(Website): www.shwkeid.com 电子邮箱(E-mail): shwkeid@shwkeid.com; shwkeid@shwkeid.com



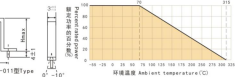
KN350精密分流器

- ◆产品特点 Features:
 - 低阻值、低电感 Low resistance and low inductance
 - 高可靠性 High reliability
- ◆应用范围 Applications:
 - 仪器、仪表 Meters and instruments
 - 用于电源等回路的测试、均流或取样检测
- ◆执行标准 Reference standards:
 - GB/T5729-2003

◆外形尺寸 Dimensions:



◆降功耗曲线 Derating curve:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	阻值范围(Ω) Resistance Range	外形尺寸(mm) Dimensions	阻值允许偏差(%) Tolerance
350-0	1.0W	R003	R051 12-14.5 40 / /	±1(F) ±2(G) ±5(J) ±10(K)
351-0	2.0W	R004	R068 17.5-21.5 45 / /	
352-0	3.0W	R006	R10 29-34 60 / /	
350-009	0.5W	R003	R051 / / 6.5 10	
351-009	1.0W	R004	R068 / / 10.5 10	±2(G) ±5(J) ±10(K)
352-009	1.5W	R006	R10 / / 17.0 10	
351-010	1.0W	R004	R068 / / 8.0 15	
352-010	1.5W	R006	R10 / / 14.5 15	
352-011	1.5W	R006	R10 / / 12.0 20	

◆主要检验项目、检验方法及性能要求 Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
引出线强度 Terminal tensile strength	无机械损伤 No mechanical damage	20N, 30S
可焊性 Solder ability	95%	235±5°C, 2±0.5S
恒定湿热 Constant damp-heat	≤ ± (2%RH±0.05D)	40±2°C, RH60±3%
振动 Vibration	≤ ± (2%RH±0.05D)	10-1000Hz, 0.75mm, 200 m/s²
冲击 Shock	≤ ± (2%RH±0.05D)	1000m/s², 6ms
70°C耐久 Durability at 70°C	≤ ± (5%RH±0.05D)	70°C, P ₀ , 1000h

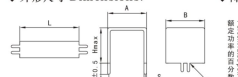
电话(Tel): 0552-2829660/2829611 传真(Fax): 0552-2829777 网站(Website): www.shwkeid.com 电子邮箱(E-mail): shwkeid@shwkeid.com; shwkeid@shwkeid.com



FLQ51精密分流器

- ◆产品特点 Features:
 - 低阻值、低电感 Low resistance and low inductance
 - 高可靠性 High reliability
- ◆应用范围 Applications:
 - 仪器、仪表 Meters and instruments
 - 用于电源等回路的测试、均流或取样检测
- ◆执行标准 Reference standards:
 - GB/T5729-2003

◆外形尺寸 Dimensions:



◆降功耗曲线 Derating curve:



◆主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	外形尺寸(mm) Dimensions
FLQ51	1	R005-R05	±2(G) ±5(J) ±10(K)	20 5-25
FLQ51	2	R005-R02		
FLQ51	3	R003-R01		
FLQ51	5	R002-R005		

◆主要检验项目、检验方法及性能要求 Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
可焊性 Solder ability	95%	235±5°C, 2±0.5S
恒定湿热 Constant damp-heat	≤ ± (2%RH±0.05D)	40±2°C, RH60±3%
振动 Vibration	≤ ± (2%RH±0.05D)	10-1000Hz, 0.75mm, 200 m/s²
冲击 Shock	≤ ± (2%RH±0.05D)	1000m/s², 6ms
70°C耐久 Durability at 70°C	≤ ± (5%RH±0.05D)	70°C, P ₀ , 1000h

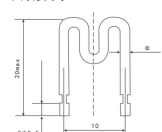
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FLQ53精密分流器

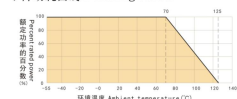
- ◆ 产品特点 Features:
- ◆ 低阻值、低电感 Low resistance and low inductance
- ◆ 高可靠性 High reliability
- ◆ 应用范围 Applications:
- ◆ 仪器、仪表 Meters and instruments
- ◆ 用于电流等回路的测试、均流或取样检测
- ◆ 执行标准 Reference standards:
- ◆ GB/T5729-2003



◆ 外形尺寸 Dimensions:



◆ 降功耗曲线 Derating curve:



◆ 主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	温度系数(×10 ⁻³ /°C) Temperature coefficient	温度范围(°C) Temperature Range	线径 Φ(mm) Diameter
FLQ53-6	6	15-25				1.0
FLQ53-8	8	5-15	±5 [J]			1.4
FLQ53-10	10	4-8	±10 [K]	±50	-55~+125	1.8
FLQ53-12	12	3-6				2.0
FLQ53-14	14	2-5				2.3

◆ 主要检验项目、检验方法及性能要求 Main inspection items, methods & requirements:

检验项目 Items	性能要求 Requirements	检验方法 Methods
可靠性 Reliability	95%	235 ± 5°C, 2 × 0.5S
恒定负荷 Constant load	≤ ± [2%R + 0.05Ω]	40 ± 2°C, 1000h ± 5%
振动 Vibration	≤ ± [2%R + 0.05Ω]	10-1000Hz, 0.75mm, 200 ms ²
冲击 Shock	≤ ± [2%R + 0.05Ω]	1000ms ² , 6ms
70°C耐久 Durability at 70°C	≤ ± [5%R + 0.05Ω]	70°C, P _N , 1000h

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KLRX/G 功率电阻箱/柜

- ◆ 产品特点 Features:
- ◆ 高温度特性优良 Excellent high temperature load performance
- ◆ 过载能力 High over loading ability
- ◆ 易于安装 Easy to mount
- ◆ 应用范围 Applications:
- ◆ 电力分配、负荷测试 Electric power distribution, load test
- ◆ 变频器电源等场合 inverter power supply etc
- ◆ 各类电子产品 Electrical devices
- ◆ 执行标准 Reference standards:
- ◆ GB/T5729-2003



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◆ 外形尺寸 Dimensions:



◆ 主要技术指标 Main specification:

型号 Type	额定功率(W) Rated Power	阻值范围(Ω) Resistance Range	阻值允许偏差(%) Tolerance	外形尺寸(mm) Dimensions	温度系数(×10 ⁻³ /°C) Temperature coefficient
KLRX	2K	0.1-6K7		350 250	
	4K	0.1-3K9		580 250	
	6K	0.1-2K4		580 350	
	7K	0.1-3K3		680 350	
	10K	0.1-3K0		680 450	
	12K	0.1-3K0		680 550	
KLRG	15K	0.1-1K0		480 450 600	
	20K	0.1-820	±10% ±5 [J]	480 450 800	
	25K	0.1-680	<10% ±10 [K]	580 450 800	
	30K	0.1-580		580 450 1000	
	40K	0.1-510		750 450 1400	
	50K	0.1-470		750 550 1200	
	60K	0.1-430		750 550 1400	
	80K	0.1-390		750 700 1400	
	100K	0.1-220		750 700 1500	
	120K	0.1-200		750 850 1500	
	150K	0.1-200		750 850 1500	

注: NOTE
1. 可拆供电电阻产品, 其代码为H, 散热风扇产品, 其代码为S。
The code of low inductance resistor box is H and the code of product with axial flow fan is S.
2. 所有电阻箱和电阻柜均设有散热风扇, 其功率为额定功率的1/10。
Resistor box and resistor cabinet are equipped with cooling fan, its power is 1/10 of rated power.
3. 所有电阻箱和电阻柜均设有散热风扇, 其功率为额定功率的1/10。
Resistor box and resistor cabinet are equipped with cooling fan, its power is 1/10 of rated power.
4. 所有电阻箱和电阻柜均设有散热风扇, 其功率为额定功率的1/10。
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Resistor box and resistor cabinet are equipped with cooling fan, its power is 1/10 of rated power.
6. 所有电阻箱和电阻柜均设有散热风扇, 其功率为额定功率的1/10。
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Resistor box and resistor cabinet are equipped with cooling fan, its power is 1/10 of rated power.
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Resistor box and resistor cabinet are equipped with cooling fan, its power is 1/10 of rated power.
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Resistor box and resistor cabinet are equipped with cooling fan, its power is 1/10 of rated power.

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Series of products

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