

QUICK REFERENCE DATA

技术参数

THUNDER TYPE		EE1/20	EE1/10	EE1/8	EE1/4	EE1/2	型号	
MIL-R-10509F TYPE		RN50	RN55	RN60	RN65	RN70	美國軍標型號	
VISHAY TYPE		PTF51	PTF58	PTF65			美國 VISHAY公司型號	
PRP TYPE		PR1/20B	PR1/10	PR1/8	PR1/4A	PR1/4	PRP 公司型號	
AAC TYPE			SRN55	SRN60	SRN65	SRN70	AAC公司型號	
TEPRO TYPE		RNF50	RNF55	RNF60	RNF65		TEPRO公司型號	
RCD TYPE		PMF1/20	PMF1/10	PMF1/8	PMF1/4	PMF1/2	RCD 公司型號	
IRC&WELWYN/TT TYPE			CAR5	CAR6	CAR7		IRC&WELWYN/TT 公司型號	
Resistance tolerance (%)		F(±1); D(±0.5); C(±0.25); B(±0.10); W(±0.05); P(±0.025);					(%)	精度
Temperature coefficient		C3(±25ppm/°C); C5(±15ppm/°C); C6(±10ppm/°C); C7(±5ppm/°C)					溫度系數	
Resistance range Resistance tolerance (%) Temperature coefficient (ppm/°C)	W;A;B;C;D;F C7;C6;C5	10Ω to 499KΩ	10Ω to 1KΩ	10Ω to 1KΩ	10Ω to 1KΩ	10Ω to 1KΩ	W;A;B;C;D;F C7;C6;C5	阻值范围
	A;B;C;D;F C7;C6;C5;C3	10Ω to 1KΩ	1Ω to 2MΩ	1Ω to 2MΩ	1Ω to 2MΩ	1Ω to 2MΩ	A;B;C;D;F C7;C6;C5;C3	
	B;C;D;F C3	10Ω to 1.5MΩ	1Ω to 3MΩ	1Ω to 5MΩ	1Ω to 10MΩ	1Ω to 10MΩ	B;C;D;F C3	
Climatic category (LCT/UCT/Days)		55/125/56					(LCT/UCT/days)	气候顺序
Rated dissipation, P ₇₀		0.125W	0.25W	0.50W	0.75W	1.0W	P ₇₀	70°C 以下功率
Rated dissipation, P ₁₂₅		0.05W	0.10W	0.125W	0.25W	0.50W	P ₁₂₅	125°C以下功率
Operating voltage U _{max}		200V	250V	300V	350V	400V	U _{max}	最大工作电压
Short time over load voltage U _{max}		400V	500V	600V	700V	800V	2U _{max}	最大短时间过载电压
Operating Temperature range		-55°C to 125°C					工作温度范围	
Endurance		20Ω to 221kΩ	20Ω to 1MΩ	20Ω to 1MΩ	20Ω to 1MΩ	20Ω to 1MΩ	耐久性实验	
Max, resistance change at P ₇₀							Max, resistance change at P ₇₀	
ΔR/R _{max} ,after 1000h		≤0.05%	≤0.05%	≤0.05%	≤0.05%	≤0.05%	ΔR/R _{max}	1000小时后
ΔR/R _{max} ,after 8000h		≤0.15%	≤0.15%	≤0.15%	≤0.15%	≤0.15%	ΔR/R _{max}	8000小时后
Insulation voltage		>500V					绝缘耐压	
Insulation resistance		> 1GΩ					绝缘阻抗	
Noise		<0.05 μV/V					电压噪声	
Fallure rate		≤10 ⁻⁸ /h					失效率	
Dimension	±0.40(mm)	L=3.9, D=1.8	L=6.8, D=2.5	L=10, D=3.7	L=14.8, D=5.2	L=18.3, D=6.5	±0.40(mm)	外型尺寸
	±0.05(mm)	d=0.45	d=0.6	d=0.6	d=0.6	d=0.8	±0.05(mm)	
Outlines							 外观	
Resistance range and tolerance can be extended under request 阻值范围, 精度等可以根据要求适当调整								