



ULTRA HIGH STABILITY
MOLD TYPE RESISTORS

QUICK REFERENCE DATA

技术参数

THUNDER TYPE		EE1/8		型号
MIL-R-10509F TYPE		RN60		美国军标型号
VISHAY TYPE		PTF65		美国 VISHAY 公司型号
PRP TYPE		PR1/8		PRP 公司型号
AAC TYPE		SRN60		AAC 公司型号
TEPRO TYPE		RNF60		TEPRO 公司型号
RCD TYPE		PMF1/8		RCD 公司型号
IRC&WELWYN/TT TYPE		CAR6		IRC&WELWYN/TT 公司型号
Resistance tolerance (%)		F(±1); D(±0.5); C(±0.25); B(±0.10); W(±0.05); P(±0.025)		精度
Temperature coefficient (ppm/°C)		C3(±25); C5(±15); C6(±10); C7(±5); C8(±3); C9(±2)		温度系数
Resistance range Resistance tolerance (%) Temperature coefficient (ppm/°C)	P; W; B; C; D; F C9; C8; C7; C6; C5	10 Ω to 100k Ω	P; W; B; C; D; F C7; C6; C5	阻值范围
	W; B; C; D; F C7; C6; C5; C3	1 Ω to 300k Ω	W; B; C; D; F C7; C6; C5; C3	
	B; C; D; F C5; C3	1 Ω to 3M Ω	B; C; D; F C3	
Climatic category (LCT/UCT/days)		55/125/56		气候顺序
Rated dissipation, P_{70}		0.50W	P_{70}	70°C 以下功率
Rated dissipation, P_{125}		0.125W	P_{125}	125°C 以下功率
Operating voltage U_{max}		300V	U_{max}	最大工作电压
Short time over load voltage $2U_{max}$		600V	$2U_{max}$	最大短时间过载电压
Stability		0.05%		稳定度等级
Operating Temperature range		-55°C to 125°C		工作温度范围
Endurance				耐久性实验
Max, resistance change at P_{70}		20 Ω to 1M Ω		最大允许阻值变化量
$\Delta R/R_{max}$, after 1000h		≤0.05%	$\Delta R/R_{max}$	1000小时后
$\Delta R/R_{max}$, after 8000h		≤0.15%	$\Delta R/R_{max}$	8000小时后
Insulation voltage		>500V		绝缘耐压
Insulation resistance		>1G Ω		绝缘阻抗
Noise		<0.05μV/V		电压噪声
Failure rate		≤10 ⁻⁸ /h		失效率
Dimension	±0.40(mm)	L=10, D=3.7	±0.40(mm)	外型尺寸
	±0.05(mm)	d=0.6	±0.05(mm)	
Outlines				

Resistance range and tolerance can be extended under request