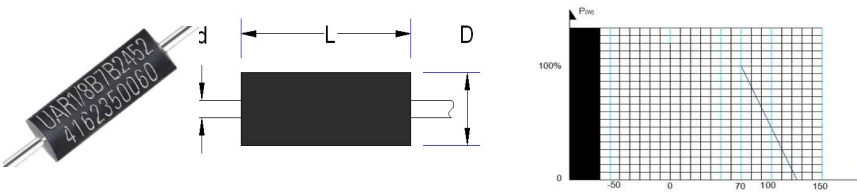


## ULTRA-STABILITY AND PRECISION

### MOLD TYPE RESISTORS

THUNDER type		UAR1/10	UAR1/8	雷城型号
MIL-R-10509F type		RN55	RN60	美国军标 MIL-R-10509F 型号
Cross to VISHAY's		UXB0207	UXE0414	对应美国 VISHAY 公司型号
Cross to PRP's		PR1/10	PR1/8	对应PRP 公司型号
Rated dissipation at 70°C	$P_{70}$	0.125W	0.25W	$P_{70}$ 70°C下 额定功率
Rated dissipation 125°C	$P_{125}$	0.10W	0.125W	$P_{125}$ 125°C下 额定功率
Operating voltage	$U_{max}$	250V	300V	$U_{max}$ 最大工作电压
Short time over load voltage	$2U_{max}$	500V	600V	$2U_{max}$ 最大短时间过负荷电压
Resistance range via tolerance	P(±0.025%)	200Ω to 150kΩ	200Ω to 150kΩ	对应于不同精度的阻值范围
	W(±0.05%)	10Ω to 310kΩ	100Ω to 310kΩ	
	B(±0.10%)	10Ω to 1MΩ	10Ω to 1MkΩ	
Resistance range via temperature coefficient	C9(±2ppm/°C)	100Ω to 150kΩ	100Ω to 150kΩ	对应于不同温度系数的阻值范围
	C7(±5ppm/°C)	10Ω to 1MΩ	10Ω to 310Ω	
	C6(±10ppm/°C)	10Ω to 1MΩ	10Ω to 1MΩ	
Stability		0.05%		稳定性等级
Operating Temperature range		-55°C to 125°C		工作环境温度范围
Endurance: load rated power at 70°C		100Ω to 100kΩ		70°C耐久性实验
$\Delta R/R_{max}$ after 1000h		$\Delta R/R_{max} \leq 0.05\% \pm 0.01\Omega$		1000小时试验之后
Damp heat, steady state		$\Delta R/R_{max} \leq 0.05\% \pm 0.01\Omega$		稳态湿热试验
Climatic category LCT/UCT/days		55/125/56 $\Delta R/R_{max} \leq 0.05\% \pm 0.01\Omega$		(LCT/UCT/days) 气候顺序试验
Endurance at upper category temperature		$\Delta R/R_{max} \leq 0.05\% \pm 0.01\Omega$		上限温度耐久性试验
Insulation voltage		≥500V	≥700V	绝缘耐压
Insulation resistance		≥1GΩ		绝缘电阻
Noise		≤0.5μV/V		电压噪声
Failure rate		≤10 <sup>-8</sup> /h		失效率
Dimension	±0.40(mm)	L=6.8, D=2.5	L=10, D=3.7	±0.40(mm) 外观尺寸
	±0.05(mm)	d=0.6	d=0.6	±0.05(mm)

Outlines and derating curves



外观尺寸与降功率曲线

Resistance range and tolerance can be extended on request

Unless otherwise specified, all values are tested at the following condition: Temperature: 21°C to 25°C; Relative humidity: 50% to 60%