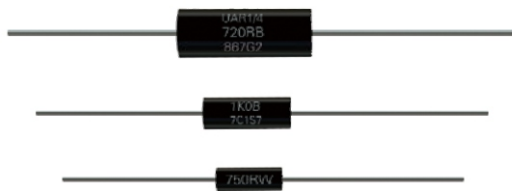


UAR 高可靠精密金属膜电阻

high reliability precision metal film resistors

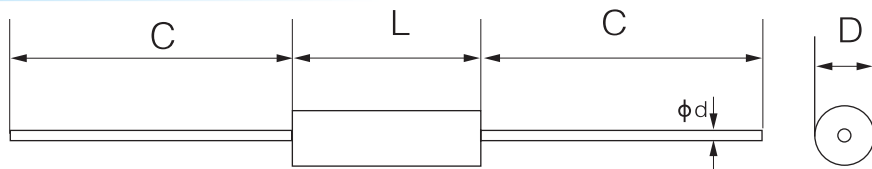


本体颜色: Body Color
 标准品: Standard(Black 黑色)
 标示: Marking
 文字: Alphanumeric
 (根据客户要求提供相应标识)
 (According to the customer request to provide corresponding identification)

特性 Feature

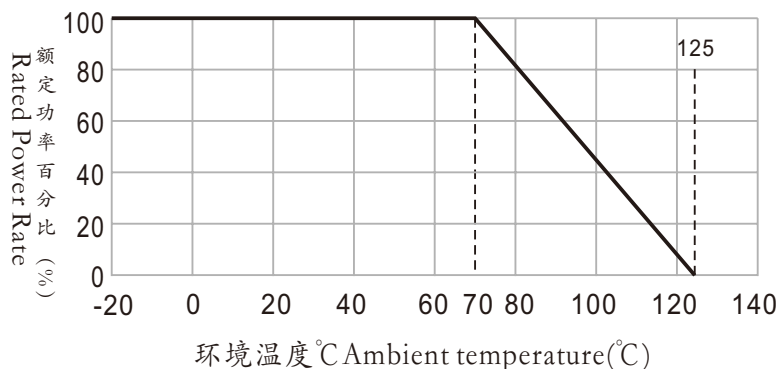
- I 高精度 High precision
- II 低温漂 Low TCR
- III 防潮湿 Moisture proof
- IV 塑封型 Mold style
- V 低噪音 LOW Noise

外形尺寸 Dimensions



| 规格 Type | 功率 Power | | 尺寸Dimensions(mm) | | | |
|------------|-------------|--------|------------------|-------|-----|--------|
| | (85°C) | (70°C) | L±0.5 | D±0.5 | C±1 | d±0.05 |
| UAR1/10 | 0.100W | 0.100W | 7.0 | 2.5 | 35 | 0.60 |
| UAR1/8 | 0.125W | 0.125W | 10.0 | 3.5 | 35 | 0.60 |
| UAR1/4 | 0.250W | 0.250W | 14.8 | 5.2 | 35 | 0.60 |

降功耗曲线 Derating Curve



参考规格Reference Standards

JIS C 5201-1

● 功率、阻值范围与耐电压 Power And Resistance etc

| Type | 70°C 额定功率 Power Rating (W) | 阻值范围 Resistance Range(Ω) | 最高使用电压 MaxWorking Voltage | 精度范围 Tolerance Range | 温度系数 PPM/°C |
|---------|-------------------------------|--------------------------------|------------------------------|---|---|
| UAR1/10 | 0.100W | 500R~1M0 | 100 | L(±0.01%) P(±0.02%) W(±0.05%) B(±0.1%) | C8(±3),C7(±5), C6(±10),C5(±15), C4(±20),C3(±25) |
| UAR1/8 | 0.125W | 500R~1M0 | 150 | | |
| UAR1/4 | 0.250W | 500R~1M0 | 200 | | |

● 性能 Performance

| 试验项目 Test Items | 性能 Performance | 试验方法 Test Methods(JIS C 5201-1) |
|-----------------------------|------------------------------------|--------------------------------------|
| 过载 Short time overload | $\leq \pm (0.01\%R + 0.01\Omega)$ | 2.5VR, 5S |
| 温度冲击 Thermal shock | $\leq \pm (0.02\%R + 0.01\Omega)$ | -55°C / 125°C, 5cycles |
| 介质耐压 Dielectric strength | $\leq \pm (0.01\%R + 0.01\Omega)$ | 1000V _{AC} , 1min ± 5s |
| 耐焊接热 Leaching | $\leq \pm (0.01\%R + 0.01\Omega)$ | 260°C, 10s |
| 寿命 Load life | $\leq \pm (0.05\%R + 0.01\Omega)$ | 70°C, P _R , 1000h |
| 振动 Vibration | $\leq \pm (0.015\%R + 0.01\Omega)$ | 10~500Hz, 0.75mm, 98m/s ² |

● 料号编号 Ordering Information

例 example

| | | | | | |
|----------------------|---------------------------------------|-----------------------|---|---|---------------|
| UAR | 1/8 | 1M0 | B | C5 | 盒装 Boxes |
| 产品名称 Product Name | 功率 Power | 标称阻值 Nominal Value | 精度 Tol | 温度系数 TCR | 包装 Packing |
| UAR | 1/10=0.10W 1/8=0.125W 1/4=0.25W | 1M0 | L(±0.01%) P(±0.02%) W(±0.05%) B(±0.1%) F(±1%) | C8:±3PPM C7:±5PPM C6:±10PPM C5:±15PPM C4:±20PPM C3:±25PPM C2:±50PPM | 盒装 boxes |

包装说明: 包装塑料自封袋包装 (起订量30只)。

Packing: Plastic recloseable bags(MOQ:30pcs)。

提供更多功率产品设计, 请联系 kwx@kwxcom.com

We can offer more design of power resistor, for further information, Contact with kwx@kwxcom.com