

**Physical Characteristics**

Temperature Range.....-55°C ~ 125°C  
 Temperature Coefficient.....±250ppm/°C  
 Temperature Variation.....55°C,30min,+125°C  
 30min  
 Cycles.....  
 $\Delta R \leq 5\%R, \Delta(Uab/Uac) \leq 10\%$   
 Collision.....100m/s<sup>2</sup>, 1000cycles,  $\Delta R \leq 2\%R$   
 Electrical Endurance at 70°C.....0.5W@70°C  
 $1000h, \Delta R \leq 10\%R$   
 $\Delta(Uab/Uac) \leq 10\%, CRV \leq 3\%$  or 5Ω  
 Rotational Life.....200cycles  
 $\Delta R \leq 10\%R, CRV \leq 3\%$  or 5Ω

**Environmental Characteristics**

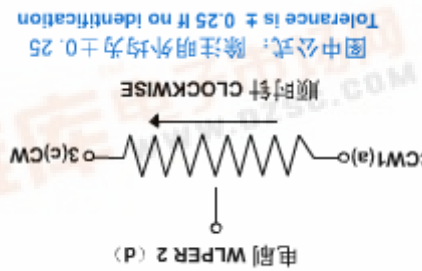
Power Rating, 315 volts max  
 0.5W@70°C, 0W@125°C  
 Temperature Range.....-55°C ~ 125°C  
 Temperature Coefficient.....±250ppm/°C  
 Temperature Variation.....55°C,30min,+125°C  
 30min  
 Cycles.....  
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 Rotational Life.....200cycles  
 $\Delta R \leq 10\%R, CRV \leq 3\%$  or 5Ω

**Electrical Characteristics**

Standard Resistance Range.....50Ω ~ 2MΩ  
 Resistance Tolerance.....±10%  
 Absolute Minimum Resistance..... $\leq 1\%R$ 或 10Ω  
 Contact Resistance Variation.....CRV ≤ 3%  
 Insulation Resistance (100Vac)..... $R1 \geq 1G\Omega$   
 Withstand Voltage.....600Vac  
 Effective Travel.....300°

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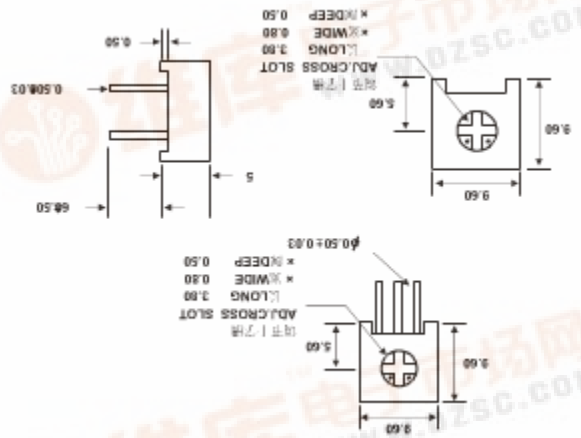


图中公式: 除注明外均为 ±0.25  
 Tolerance is ± 0.25 if no identification

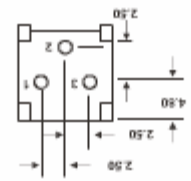
Special resistances available

Resistance Code	Resistance (Ohms)
100	10
200	20
500	50
101	100
201	200
501	500
102	1,000
202	2,000
502	5,000
103	10,000
203	20,000
503	50,000
104	100,000
204	200,000
504	500,000
105	1,000,000
205	2,000,000

Standard Resistance Table



Mutual dimension



Install dimension

