



**DB LECTRO**  
COMPOSANTS ÉLECTRONIQUES  
ELECTRONIC COMPONENTS



- Multiturn/ Cermet/ Industrial /sealed
- 5 terminal styles
- RoHS Compliant



## 3296 Square Trimming Potentiometer

### Electrical Characteristics

Standard Resistance Range.....50  $\Omega$  ~2M  $\Omega$   
Resistance Tolerance..... $\pm 10\%$   
Absolute Minimum Resistance..... $\leq 1\%R$  or 10  $\Omega$   
Contact Resistance Variation ...CRV $\leq 3\%$  or 5  $\Omega$   
Insulation Resistance.....R1 $\geq 1G\Omega$  (100Vac)  
Withstand Voltage.....640Vac  
Effective Travel.....28 turns nom

### Environmental Characteristics

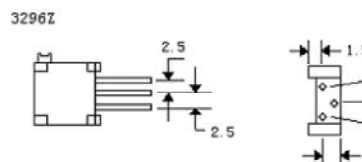
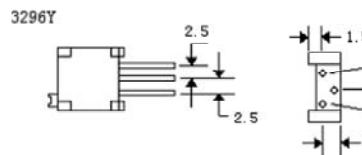
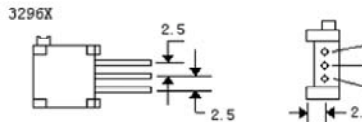
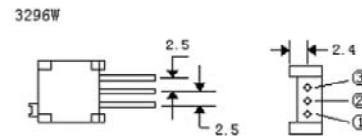
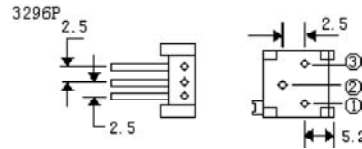
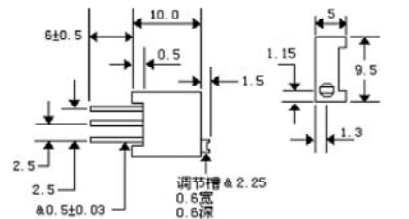
(Power Rating) (315 volts max) .....  
.....0.5W@70°C, 0W@125°C  
Temperature Range.....-55°C~125°C  
Temperature Coefficient..... $\pm 250\text{ppm}/^\circ\text{C}$   
Temperature Variation ...-55°C, 30min, +125°C  
.....30min、5cycles  
..... $\Delta R \leq 5\%R$ ,  $\Delta(Uab/Uac) \leq 5\%$   
Vibration.....10~500Hz, 0.75mm, 6h,  
..... $\Delta R \leq 5\%R$ ,  $\Delta(Uab/Uac) \leq 7.5\%R$   
Collision.....390m/s<sup>2</sup>, 4000cycles,  $\Delta R \leq 5\%R$   
Electrical Endurance at 70°C.....0.5W@70°C  
.....1000h,  $\Delta R \leq 10\%R$ , CRV $\leq 3\%$  or 5  $\Omega$   
Rotational Life.....200cycles  
..... $\Delta R \leq 10\%R$ , CRV $\leq 3\%$  or 5  $\Omega$

### Physical Characteristics

Starting Torque..... $\leq 35\text{mN}\cdot\text{m}$   
Marking.....Resistance Tolerance  
... (when no identification, it is of  $\pm 10\%$ )  
.....Resistance Code、Model  
Standard Packaging...50pcs.per tube

### RoHS Compliant

### Common Dimensions



### How To Order

Model 3296 -- P -- 103  
Style  
Resistance Code  
Viper 2(a)  
CCW1(a)  $\rightarrow$   $\rightarrow$  CW3(c) CW  
Clockwise  
Tolerance 1st 0.25  
If no identification

### Standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105
2,000,000	205