WEL3296

Trimmer 9mm Multi-Turn

Features:

- 9mm Square Multi-Turn
- Cermet / Industrial / Sealed
- 5 Terminal Styles (W,X,P,Y,Z)



Electrical Characteristics:

Standard Resistance Range:

10 to 5 megaohms

(see standard resistance table)

Resistance Tolerance:

+-10% std.

(tighter tolerance available)

Absolute Minimum Resistance:

1% or 2 ohms max.

(whichever is greater)

Contact Resistance Variation:

3% or 3 ohms max.

(whichever is greater)

Adjustability:

Voltage +-0.01%

Resistance +-0.05%

Resolution:

Infinite

Insulation Resitance:

500VDC

1,000 megaohms min.

Dielectric Strength:

101.3 kPa 600VAC

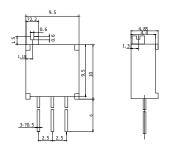
8.5 kPa 250VAC

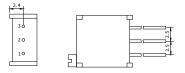
Effective Travel:

25 turns nom.

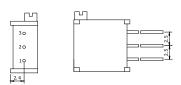
Styles:

WEL3296-W





WEL3296-X

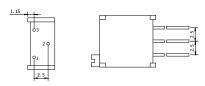




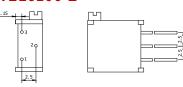




WEL3296-Y



WEL3296-Z



WEL3296-W

= Top Adjustment / Pitch: 2.5 in-line

WEL3296-X

= Side Adjustment / Pitch: 2.5 in-line

WEL3296-P (vertical)

= Side Adjustment / Pitch: 2.5x5

WEL3296-Y

= Top Adjustment / Pitch: 2.5x5

WEL3296-Z

= Side Adjustment / Pitch: 2.5x5

Standard Resistance Table:

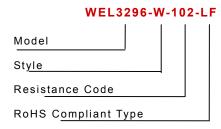
| <u>Value</u> | Code | <u>Value</u> | Code |
|--------------|------|--------------|------|
| 10 R | 100 | 20 K | 203 |
| 20 R | 200 | 25 K | 253 |
| 50 R | 500 | 50 K | 503 |
| 100 R | 101 | 100 K | 104 |
| 200 R | 201 | 200 K | 204 |
| 500 R | 501 | 250 K | 254 |
| 1 K | 102 | 500 K | 504 |
| 2 K | 202 | 1 M | 105 |
| 5 K | 502 | 2 M | 205 |
| 10 K | 103 | 5 M | 505 |

Special resistance available

TCR of shaded values: +-250ppm/°C

Detail Specification: Q/RY20021-2000

How To Order:



Standard Packaging: 50pcs per tube

${\bf Environmental\ Characteristics:}$

Power Rating (300V max.):

0.5 watt (70°C), 0 watt (125°C)

Temperature Range:

-55°C to +125°C

Temperature Coefficient:

+-100ppm/°C

Vibration:

98m/s²

(1% ∆TR; 1% ∇VR)

Shock:

390m/s²

(1% ∆TR; 1% ∇VR)

Load Life:

1,000 hours 0.5 watt @ 70° C (3% Δ TR; 4% or 4 ohms, whichever is greater, CRV)

Rotational Life:

200 cycles

(3% ΔTR ; 4% or 4 ohms)

Electrical Characteristics:

Torque:

35mN • m max.

Mechanical Stops:

. Wiper idles

Terminals:

Solderable pins



Phone: +49 (0) 98 52/67 27-0 Fax: +49 (0) 98 52/67 27-67 Version: 01.10.2007 E-Mail: info@weltron.de Internet: www.weltron.de