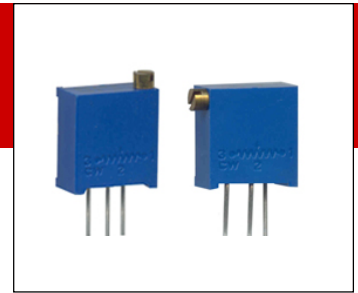


WEL3296

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 $\pm 0.01\%$
Resistance $\pm 0.05\%$

Resolution:
Infinite

Insulation Resistance:
500VDC
1,000 megaohms min.

Dielectric Strength:
101.3 kPa 600VAC
8.5 kPa 250VAC

Effective Travel:
25 turns nom.

Environmental Characteristics:

Power Rating (300V max.):
0.5 watt (70°C), 0 watt (125°C)

Temperature Range:
-55°C to +125°C

Temperature Coefficient:
 $\pm 100\text{ppm}/^\circ\text{C}$

Vibration:
98m/s²
(1% ΔTR ; 1% ∇VR)

Shock:
390m/s²
(1% ΔTR ; 1% ∇VR)

Load Life:
1,000 hours 0.5 watt @ 70°C
(3% ΔTR ; 4% or 4 ohms,
whichever is greater, CRV)

Rotational Life:
200 cycles
(3% ΔTR ; 4% or 4 ohms)

Electrical Characteristics:

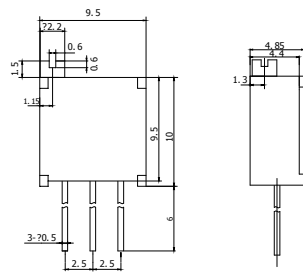
Torque:
35mN • m max.

Mechanical Stops:
Wiper idles

Terminals:
Solderable pins

Styles:

WEL3296-W



WEL3296-W

= Top Adjustment / Pitch: 2.5 in-line

WEL3296-X

= Side Adjustment / Pitch: 2.5 in-line

WEL3296-P (vertical)

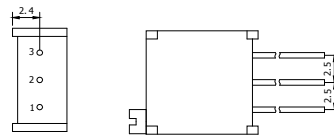
= Side Adjustment / Pitch: 2.5x5

WEL3296-Y

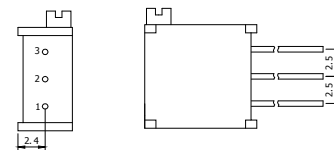
= Top Adjustment / Pitch: 2.5x5

WEL3296-Z

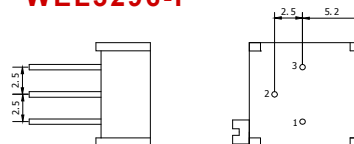
= Side Adjustment / Pitch: 2.5x5



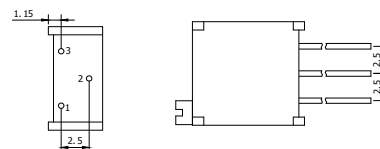
WEL3296-X



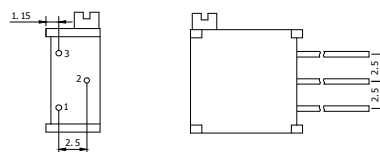
WEL3296-P



WEL3296-Y



WEL3296-Z



Standard Resistance Table:

Value	Code	Value	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: $\pm 250\text{ppm}/^\circ\text{C}$
Detail Specification: Q/R Y20021-2000

How To Order:

WEL3296-W-102-LF

Model

Style

Resistance Code

RoHS Compliant Type

Standard Packaging:
50pcs per tube