

Features:

- 9mm Square Multi-turn
- Cermet / Industrial / Sealed
- 5 Terminals types (W / X / P / Y / Z)
- Available with a knob for finger adjust

Specifications:

Electrical Characteristics

Standard Resistance Range	: 1,000Ω to 1,000,000Ω
Resistance Tolerance	: 10% std.
Absolute Min. Resistance	: 1% or 2Ω max. (Whichever is greater)
Contact Resistance Variation	: 3% or 3Ω max. (Whichever is greater)
Adjust ability	: Voltage 0.01% Resistance 0.05%

Resolution	: Infinite
Insulation Resistance	: 500V DC 1,000mΩ min.
Dielectric Strength	: 101.3 kPa 600V AC 8.5 kPa 360V AC

Effective Travel : 25 turns nom

Environmental Characteristics

Power Rating (300 volts max.)	: 0.5 watt (70°C) , 0 watt (125°C)
Temperature Range	: -55°C to +125°C
Temperature Coefficient	: ±100ppm/°C
Vibration	: 98 m/s ² (1% TR; 1% VR)
Shock	: 390 m/s ² (1% TR; 1% VR)
Load Life	: 1,000 hours 0.5 watt @ 70°C (3% TR; 4% or 4Ω, whichever is greater , CRV)
Rotational Life	: 200 cycles (3% TR; 4% or 4Ω)

Physical Characteristics

Torque	: 36mN max.
Mechanical Stops	: Wiper idles
Terminals	: Solderable pins
Standard Packaging	: 50pcs. per tube

Standard Resistance Table:

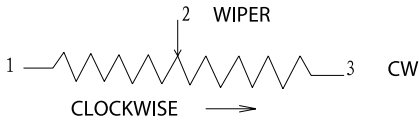
Resistance Ohms	Resistance Code
1,000	102
10,000	103
100,000	104
1,000,000	105

Resistance Ohms	Resistance Code
25,000	253
5,000	502
50,000	503
500,000	504

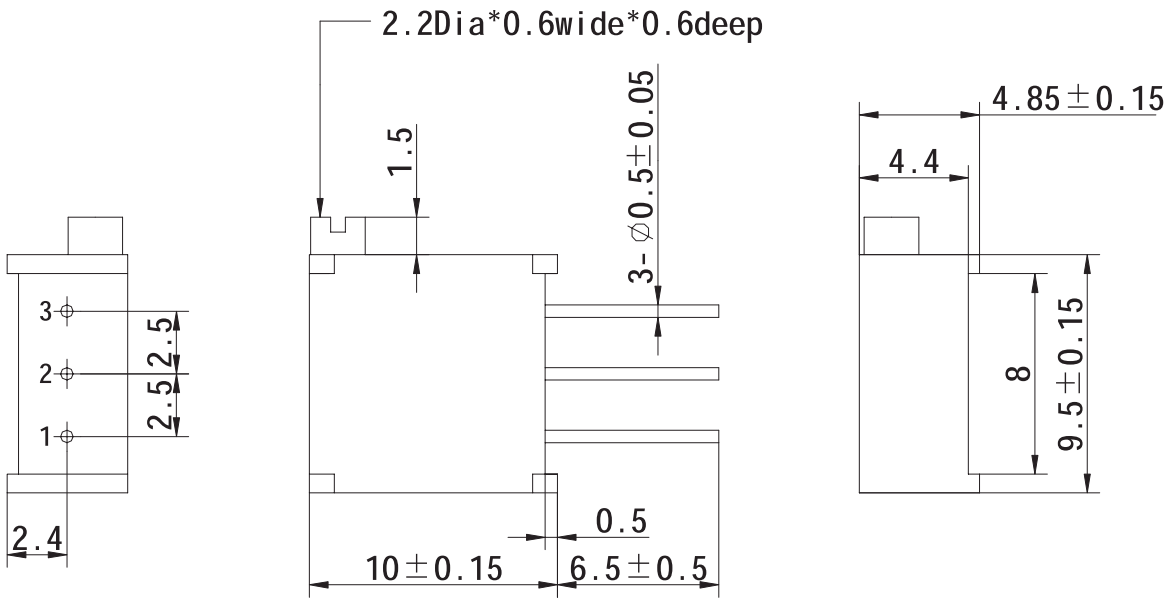
Trimmer Potentiometer



Diagram:



Dimensions:



Dimensions : Millimetres
Tolerances: ± 0.25 Except Where Noted.

Part Number Table

Description	Part Number
Trimmer, Potentiometer, 1k Ω , 25 Turn	MCWIW1029-X-102-LF
Trimmer, Potentiometer, 10k Ω , 25 Turn	MCWIW1029-X-103-LF
Trimmer, Potentiometer, 100k Ω , 25 Turn	MCWIW1029-X-104-LF
Trimmer, Potentiometer, 1m Ω , 25 Turn	MCWIW1029-X-105-LF
Trimmer, Potentiometer, 25k Ω , 25 Turn	MCWIW1029-X-253-LF
Trimmer, Potentiometer, 5k Ω , 25 Turn	MCWIW1029-X-502-LF
Trimmer, Potentiometer, 50k Ω , 25 Turn	MCWIW1029-X-503-LF
Trimmer, Potentiometer, 500k Ω , 25 Turn	MCWIW1029-X-504-LF

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