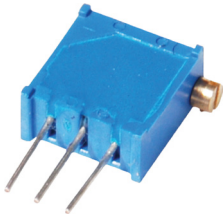


RoHS  
Compliant



## Features

- 9mm Square Multiturn
- Cermet / Industrial / Sealed

## Specifications

### Electrical Characteristics

Resistance Tolerance	: $\pm 10\%$ std.
Absolute Minimum Resistance	: 1% or $2\Omega$ max.
Contact Resistance Variation	: 3% or $3\Omega$ max.
Adjustability	: Voltage= $\pm 0.01\%$ Resistance= $\pm 0.05\%$
Resolution	: Infinite
Insulation Resistance	: 500V DC, 1,000m $\Omega$ min.
Dielectric Strength	: 101.3kPa 600V AC, 8.5kPa 360V AC
Effective Travel	: 25 turn nom

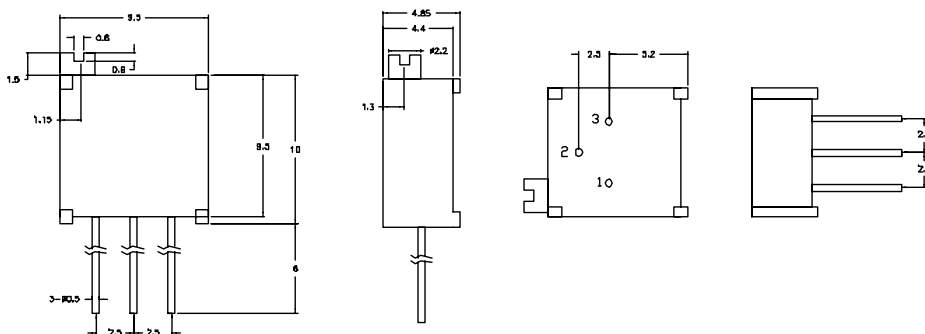
### Environmental Characteristic

Power Rating	: (300 Volts max.) 0.5 Watt (70°C), 0 Watt (125°C)
Temperature Range	: -55°C to +125°C
Temperature Coefficient	: $\pm 100$ ppm/°C
Vibration	: 98m/s <sup>2</sup> (1% $\Delta$ TR; 1% $\Delta$ VR)
Shock	: 390m/s <sup>2</sup> (1% $\Delta$ TR; 1% $\Delta$ VR)
Load Life	: 1,000 Hrs, 0.5 Watt @ 70°C
Rotational Life	: 200 Cycles

### Physical Characteristics

Torque	: 36mN-m max.
Mechanical Stops	: Wiper Idles
Terminals	: Solderable pins

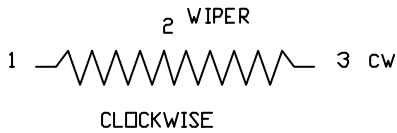
## Diagram



Dimensions : Millimetres

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
Element14.com/multicomp-pro

multicomp<sup>PRO</sup>



## Part Number Table

Description	Resistance $\Omega$	Part Number
Trimmer Potentiometer	100	MCWIW1029-P-101-LF
	1,000	MCWIW1029-P-102-LF
	10,000	MCWIW1029-P-103-LF
	100,000	MCWIW1029-P-104-LF
	2,000	MCWIW1029-P-202-LF
	20,000	MCWIW1029-P-203-LF
	500	MCWIW1029-P-501-LF
	5,000	MCWIW1029-P-502-LF
	50,000	MCWIW1029-P-503-LF
	500,000	MCWIW1029-P-504-LF

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