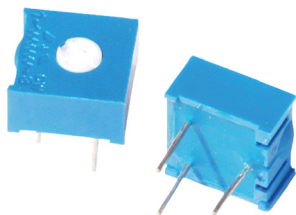


RoHS
Compliant



Features

- 9mm Square Single turn
- Cermet / Industrial / Sealed

Specifications

Electrical Characteristics

Standard Resistance Range	: 10 to 2M Ω
Resistance Tolerance	: $\pm 10\%$ std.
Absolute Minimum Resistance	: 1% or 2 Ω max.
Contact Resistance Variation	: 3% or 3 Ω max.
Adjustability	: Voltage= $\pm 0.05\%$ Resistance= $\pm 0.15\%$
Resolution	: Infinite
Insulation Resistance	: 500V DC, 1,000m Ω min.
Dielectric Strength	: 101.3kPa 500V AC, 8.5kPa 350V AC
Adjustable Angle	: 260° nom

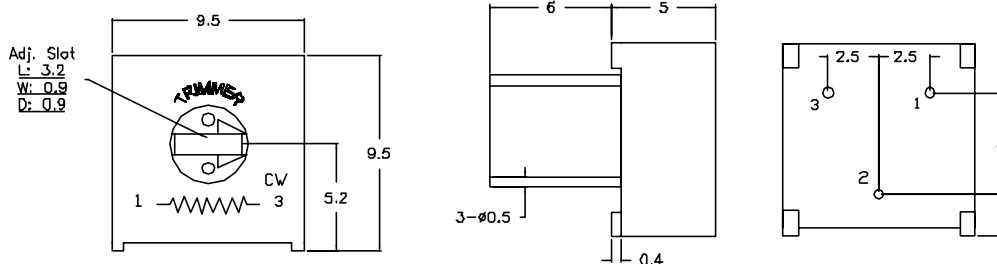
Environmental Characteristic

Power Rating	: (250 Volts max.) 0.5 Watt (70°C), 0 Watt (125°C)
Temperature Range	: -55°C to +125°C
Temperature Coefficient	: ± 100 ppm/°C
Vibration	: 98m/s ² (1% Δ TR; 1% Δ VR)
Shock	: 390m/s ² (1% Δ TR; 1% Δ VR)
Load Life	: 1,000 Hrs, 0.5 Watt @ 70°C
Rotational Life	: 200 Cycles

Physical Characteristics

Mechanical Angle	: 280° nom.
Torque	: 25mN-m max.
Mechanical Stops	: 50mN-m max.
Terminals	: Solderable pins

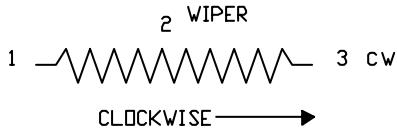
Diagram



Dimensions : Millimetres

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

multicomp^{PRO}



Part Number Table

Description	Resistance Ω	Part Number
Trimmer Potentiometer	10	MCWIW1028-F-100-LF
	1,000	MCWIW1028-F-102-LF
	10,000	MCWIW1028-F-103-LF
	100,000	MCWIW1028-F-104-LF
	1,000,000	MCWIW1028-F-105-LF
	500	MCWIW1028-F-501-LF
	5,000	MCWIW1028-F-502-LF
	50,000	MCWIW1028-F-503-LF

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