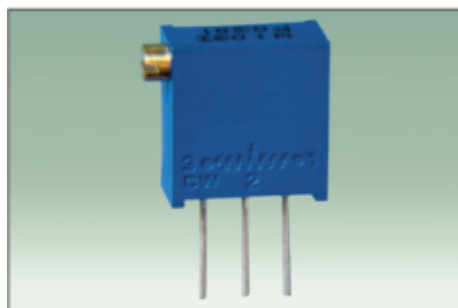




- Multiturn / Cermet / Industrial / Sealed
- 5 terminal styles (W, X, P, Y, Z)
- Available with a knob for finger adjust

CE10MT Series 9mm Square Trimming Potentiometer



Electrical Characteristics

Standard Resistance Range

..... 10 to 5 megohms
(see standard resistance table)

Resistance Tolerance

..... $\pm 10\%$ 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

..... 500 Vdc 1,000 megohms min.

Dielectric Strength

..... 101.3 kPa 600 Vac
8.5 kPa 360 Vac

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

..... ± 100 ppm/°C

Vibration

..... 98 m/s²
(1% Δ TR; 1% Δ VR)

Shock

..... 390 m/s²
(1% Δ TR; 1% Δ 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% Δ TR; 4% or 4 ohms,
whichever is greater, CRV)

Physical Characteristics

Torque

..... 36 mN · mm max.

Mechanical Stops

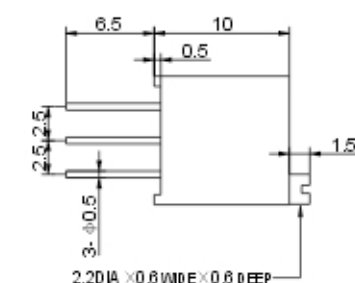
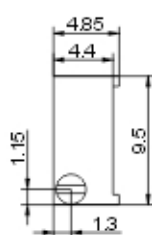
..... Wiper idles

Terminals

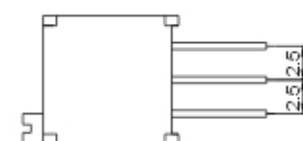
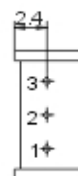
..... Solderable pins

Standard Packaging

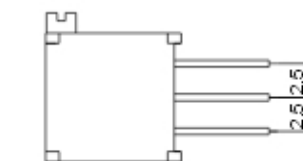
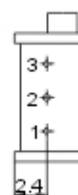
..... 50 pcs. per tube



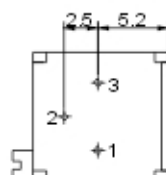
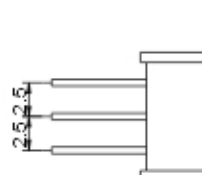
Common Dimensions



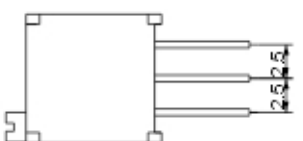
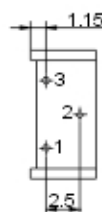
CE10MT-W



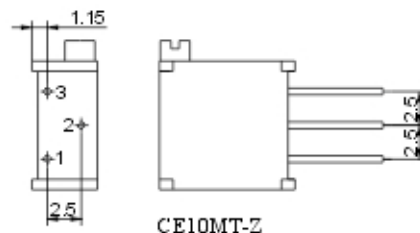
CE10MT-X



CE10MT-P



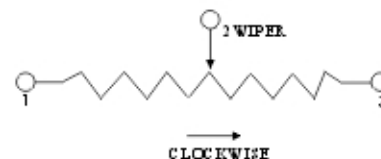
CE10MT-Y



CE10MT-Z

How to order

CE10MT-W-102
Model
Style
Resistance Code



Standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105
2,000,000	205
5,000,000	505

Special resistance available
TCR of shaded areas ± 250 ppm/°C

Detail Specification: Q/RV256-2000
Detail Mil-Spec: Q/RV 20021-2000