

- Multiturn / Cermet / Industrial / Sealed
- 5 terminal styles (W, X, P, Y, Z)

CE6MT Series 6mm Square Trimming Potentiometer



Cermet Potentiometer

Electrical Characteristics

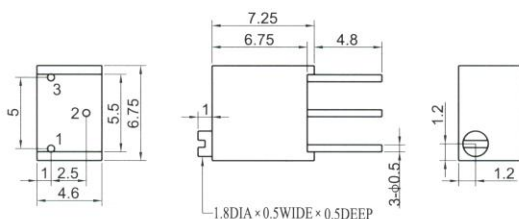
- Standard Resistance Range**
 10 to 1 megohms
 (see standard resistance table)
- Resistance Tolerance**
 $\pm 10\%$ std.
 (tighter tolerance available)
- Absolute Minimum Resistance**
 1% or 2 ohms max.
 (whichever is greater)
- Contact Resistance Variation**
 3% or 3 ohms max.
 (whichever is greater)
- Adjustability**
 Voltage $\pm 0.02\%$
 Resistance $\pm 0.05\%$
- Resolution**
 Infinite
- Insulation Resistance**
 500 Vdc 1,000 megohms min.
- Dielectric Strength**
 101.3 kPa 600 Vac
 8.5 kPa 250 Vac
- Effective Travel**
 12 turns nom.

Environmental Characteristics

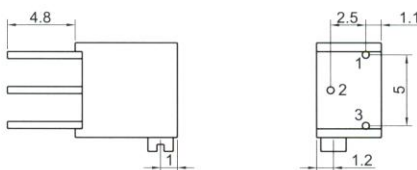
- Power Rating (200 volts max.)**
 0.25 watt (70°C), 0 watt (125°C)
- Temperature Range**
 -55°C to +125°C
- Temperature Coefficient**
 $\pm 100\text{ppm}/\text{C}$
- Vibration**
 98 m/s^2
 (1% Δ TR; 1% Δ VR)
- Shock**
 390 m/s^2
 (1% Δ TR; 1% Δ VR)
- Load Life**
 1,000 hours 0.25 watt @ 70°C
 (3% Δ 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**
 25 $\text{mN} \cdot \text{m}$ max.
- Mechanical Stops**
 Wiper idles
- Terminals**
 Solderable pins
- Standard Packaging**
 50 pcs. per tube



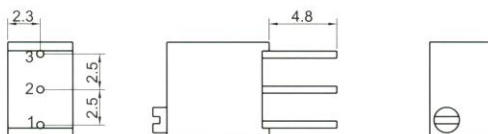
CE6MT-W
Common Dimensions



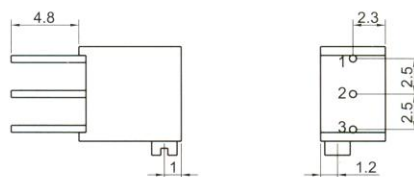
CE6MT-X



CE6MT-P

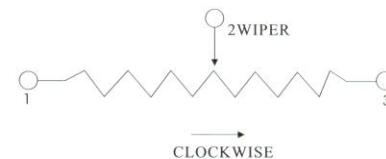
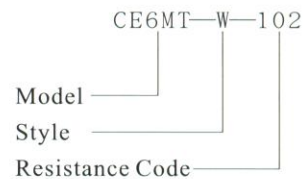


CE6MT-Y



CE6MT-Z

How to order



| 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 |

Special resistance available

Detail Specification: Q/R/Y261-2000

RoHS Compliant