

- Single-Turn / Cermet / Industrial / Sealed
- Top and side adjust types (P,U, W,S most popular)

CE7ST Series Square Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range	100 to 2 megohms (see standard resistance table)
Resistance Tolerance	±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 ±0.05% Resistance ±0.15%
Resolution	Infinite
Insulation Resistance	500 Vdc 1,000 megohms min.
Dielectric Strength	101.3 kPa 500 Vac 8.5 kPa 315 Vac
Adjustment Angle	210° nom.

Environmental Characteristics

Power Rating (250 volts max.)	0.5 watt (70°C), 0 watt (125°C)
Temperature Range	-55°C to +125°C
Temperature Coefficient	±100ppm/°C
Vibration (10 to 2,000 Hz)	98 m/s ² (1% Δ TR; 2% Δ VR)
Shock	390 m/s ² (1% Δ TR; 2% 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

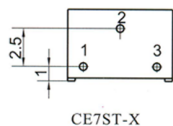
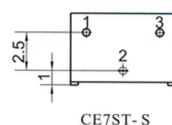
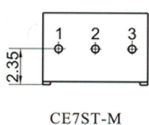
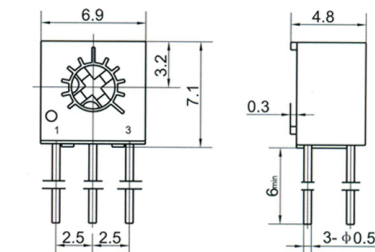
Mechanical Angle	250° nom.
Torque	20 mN • m max.
Stop Strength	50 mN • m min.
Terminals	Solderable pins
Standard Packaging	50 pcs. per tube

How to order

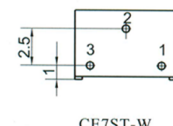
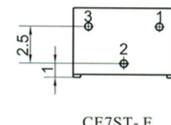
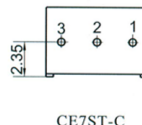
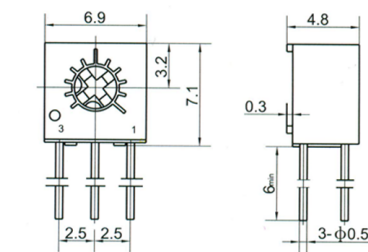
CE7ST-P-102

Model ————
Style ————
Resistance Code ————

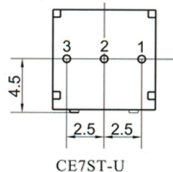
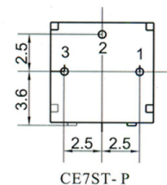
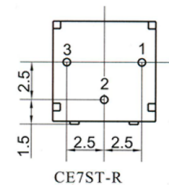
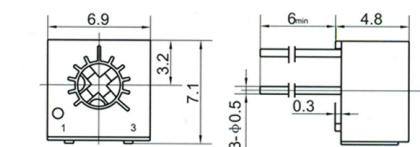
Common Dimensions
Side Adjust



Common Dimensions
Side Adjust, Reverse



Common Dimensions
Top Adjust



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

Detail Specification: Q/R Y256-2000
Detail Mil-Spec: Q/R Y20021-2000

