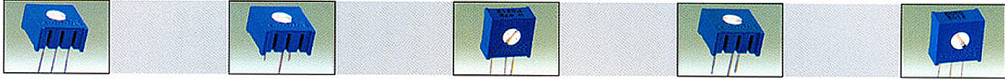


- Single-Turn / Cermet / Industrial / Sealed
- Top and side adjust types (F,P,H,W,X most popular)

## CE10ST Series Square Trimming Potentiometer



Cermet Potentiometer

### Electrical Characteristics

Standard Resistance Range	..... 100 to 2 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 $\pm 0.05\%$ Resistance $\pm 0.15\%$
Resolution	..... Infinite
Insulation Resistance	..... 500 Vdc 1,000 megohms min.
Dielectric Strength	..... 101.3 kPa 500 Vac 8.5 kPa 350 Vac
Adjustment Angle	..... $260^\circ$ nom.

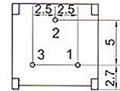
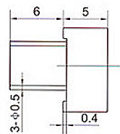
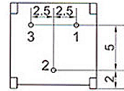
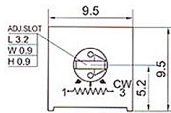
### Environmental Characteristics

Power Rating (250 volts max.)	..... 0.5 watt (70°C), 0 watt (125°C)
Temperature Range	..... $-55^\circ\text{C}$ to $+125^\circ\text{C}$
Temperature Coefficient	..... $\pm 100\text{ppm}/^\circ\text{C}$
Vibration	..... 98 m/s <sup>2</sup> (1% $\Delta$ TR; 1% $\Delta$ VR)
Shock	..... 390 m/s <sup>2</sup> (1% $\Delta$ TR; 1% $\Delta$ VR)
Load Life	..... 1,000 hours 0.5 watt @ 70°C (3% $\Delta$ TR; 4% or 4 ohms, Whichever is greater, CRV)
Rotational Life	..... 200 cycles (3% $\Delta$ TR; 4% or 4 ohms, Whichever is greater, CRV)

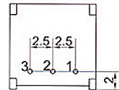
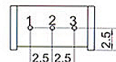
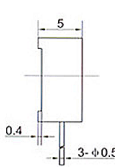
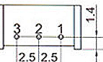
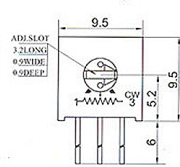
### Physical Characteristics

Mechanical Angle	..... $280^\circ$ nom.
Torque	..... 20 mN · m max.
Stop Strength	..... 50 mN · m min.
Terminals	..... Solderable pins
Standard Packaging	..... 50 pcs. per tube

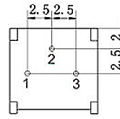
### Common Dimensions Top Adjust



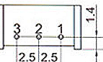
### Common Dimensions Side Adjust



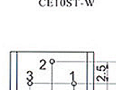
CE10ST-R



CE10ST-P-R



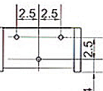
CE10ST-C



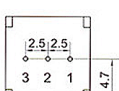
CE10ST-X



CE10ST-P



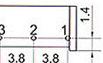
CE10ST-T



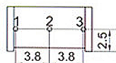
CE10ST-U



CE10ST-G



CE10ST-B



CE10ST-S

### How to order

