

High Precision, High durability Angle Potentiometer

- ◆ New version of $\Phi 45\text{mm}$ Current Conductive Plastic Potentiometer
- ◆ High Precision : Ind. Linearity $\pm 0.1\%$
- ◆ Numbers of Output : Single & Dual
- ◆ Improved Durability
- ◆ Tab terminal pin connection which is easy to soldering
- ◆ Compatible with well-know CPP-45 series.



【 Preliminary specifications 】

Effective Elect. Travel	$350^\circ +2.0^\circ, -3.0^\circ$
Total Resistance	1, 5, 10 $k\Omega \pm 15\%$
Independent Linearity	$\pm 0.1\% \text{FS}$
Rated Dissipation	3 W / 70°C
Output smoothness	0.1 %Vin max.
Insulation Resistance	DC 1000 V 100 $M\Omega$ min.
Dielectric Strength	AC 1000V 1 min.
Mechanical Travel	360° endless
Running Torque	1.8 mN-m max.
Category Temp. Range	$-40 \sim 100^\circ \text{C}$
Vibration	200 m/s^2 2000 Hz 3axis each 2hours
Shock	600 m/s^2 11 ms 3 axis 6 directions 3 times each
Life	50 Million Cycles

Note: Specifications may be changed without notice.

【Dimension】

- Element: Resin, Housing: Aluminum
- Terminal hole: Size 0.5sq (AWG20)

