

Precision Ceramic Conductive Plastic Potentiometers

CDP22A 22mm Plastic Shell Long Life Conductive Potentiometers



FEATURES

High Reliability
 Low Cost
 Long Operating Life
 Plastic Shell/Metal Bushing and Shaft
 Precision Manufacturing Technique
 Max to 1,000,000 Turns

MAIN SPECIFICATION

Range of value: 1K~1M ohm
 Tolerance: $\pm 5\%$, $\pm 10\%$, $\pm 15\%$
 Max voltage: 250V(linear)
 Power rating: 1W (70°C)
 Operating temperature: $-65^{\circ}\text{C} \sim +125^{\circ}\text{C}$
 Taper: Linear, Log, Alog
 Temperature coefficient: $< 500\text{ppm}/^{\circ}\text{C}$
 Wiper torque: 4~45N.cm
 Angle of Electronic: $330^{\circ} \pm 3^{\circ}$ (other upon request)
 Electrical Life: $\leq \pm 10\%$
 Rotational Life: 200K, 500K, 1M Cycles
 Bear to weld: $\geq 350^{\circ}\text{C} \pm 10^{\circ}\text{C}/\text{sec}$
 Vibration: $\leq \pm 2\%$

HOW TO ORDER

CDP22A Series	E Life(turns)	B Taper	102 Value	M Tolerance	S22.3 Shaft	Y300 Elec-Angle	Z320 Rotation Angle
CDP22A	S:Standard	A=Lin	501=500ohm	M $\pm 20\%$	F20	Y40	Z300
	200000(S)	B=Log	222=2.2Koh	K $\pm 10\%$	F22.3	Y90	Z340
	Long life	C=Alog	m	J $\pm 5\% \sim -5\%$	F30	Y180	Z360(no-Stop)
	500000(L)		104=100Koh	eg	R22.3	Y270	eg
	1000000(E)		m	(See note 2)	S22.3	Y300	
	2000000(2E)		105=1Mohm		eg	Y355 eg	
	5000000(5E)		505=5Mohm				
	10000000(10E)		(See note 1)				

Note:

(1)Value: Code $\frac{10}{2} = 1000 \text{ ohm}$

(2)Tolerance(non standard):Upon request: Code e.g. $\begin{matrix} +5 \\ -5 \end{matrix}$

(3)The Electronic Angle,Rotation Angle Can Upon Requirement;
 The Shaft Length and Shape Can Upon Requirement.

TECHNICAL DATA

