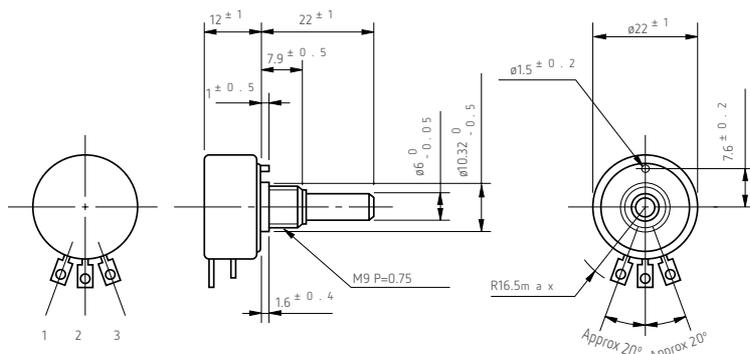




**α CP22E**

**Standard dimensions**



Model CP22E  
(Plastic Housing)

- Note: 1. 1pc. Each inner teeth washer and hex nut are attached.  
2. Please process the mounting hole on the panel to be mounted with this potentiometer by the diameter of 10.32mm

**General Specifications**

**Standard Resistance**

**Range:** 50Ω to 10kΩ  
**Max. Practical Resistance Value:** 20kΩ  
**Total Resistance Tolerance:** Standard Class ±3%(H)  
Precision Class ±1%(F)

**Independent Linearity**

**Tolerance:** Standard Class ±0.5%  
Precision Class ±0.25%  
(±0.35% in case of within 1kΩ)

**Power Rating:** 0.5W

**Noise:**

Within 100Ω E.N.R.

**Electrical Travel:**

355° ±5°

**Mechanical Travel:**

360° (Endless)

**Insulation Resistance:**

Over 1,000MΩ at 1,000 V.D.C

**Dielectric Strength:**

1 minute at 1,000 V.A.C.

**Starting Torque:**

Within 5mN·m (50gf·cm)

**Resist. Temperature Coefficient of Wire:**

±20p.p.m./°C

**Mass:**

Approx. 20g

**Standard Resistance Values | No. Of Wire Turns | Resistance Wire Used**

Resist. Value (Ω)	50	100	200	500	1k	2k	5k	10k	✳ 20k
No. Of wire turns	3 0 0	3 7 0	4 7 0	4 5 0	5 7 0	7 4 0	1, 0 0 0	1, 2 7 0	1, 6 7 0
Resist. Wire used	Cu-Ni System				Ni-Cr System				

Note: Mark ✳ shows value at special higher practical resistance

**Special Specifications Available**

Lower resistance values (10Ω, 20Ω), extra taps (available up to 1 tap), shaft with front and rear extension (rear shaft with 6mm dia. and 20mm length), multi-ganged (available up to 10 gangs), with stopper (rotating angle becomes 320° and stopper strength is 0.6N·m [6kgf·cm]), special electrical travel, shaft dia. (ø6.35mm) bushing with inch dimensions, special machining on the shaft.