

Conductive Plastic

MODEL FCP22E

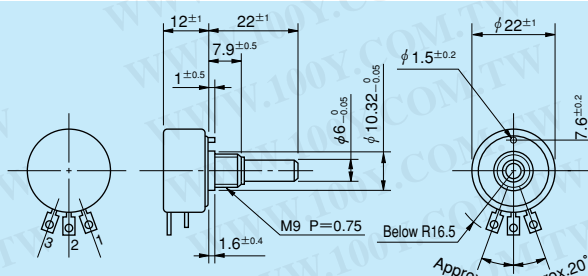
(Bushingmount)

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw



Model FCP22E
(Plastic Housing)

● Standard Dimensions



Note: 1. 1 pc. 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 $10.32\text{mm}^{+0.05}_0$.

● General Specifications

Standard Resistance

Values: 1k, 2k, 5k, 10k (Ω)
Special Practical Resistance Values: 500, 20k, 50k, 100k (Ω)
Total Resistance Tolerance: Standard Class $\pm 15\%$ (L)
Precision Class $\pm 10\%$ (K)

Independent Linearity Tolerance:

Standard Class $\pm 1.5\%$
Precision Class $\pm 1.0\%$

Resolution:

Essentially infinite

Output Smoothness:

Within 0.1% against input voltage

Contact Resistance

Variation: Within 2% C.R.V.
Power Rating: 1.0W
Electrical Travel: $320^\circ \pm 5^\circ$
Mechanical Travel: 360° (Endless)
Insulation Resistance: Over 1,000M Ω at 500V.D.C.
Dielectric Strength: 1 minute at 500V.A.C.
Starting Torque: Within 5mN·m (50gf·cm)
Resistance Temperature Coefficient: $\pm 400\text{p.p.m./}^\circ\text{C}$
Mass: Approx. 20g

● Special Specifications Available

Extra taps (Available up to 1 tap), Rear shaft (6mm dia. and 20mm length), Multi-ganged (Available up to 10 gangs), Stopper (Rotating angle becomes 320° and stopper strength is 0.6N·m [6kgf·cm]), Special electrical travel, Inch dimensional shaft dia. ($\phi 6.35\text{mm}$) • Bushing with inch dimensions, Special machining on the shaft.

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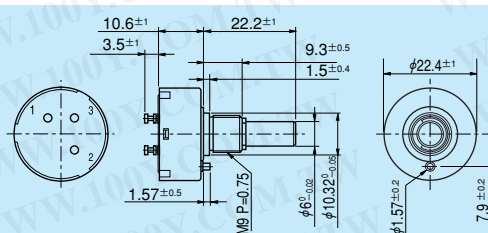
MODEL FCP22R

(Bushing mount)



Model FCP22R
(Plastic Housing)

● Standard Dimensions



Note: 1. 1 pc. 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 $10.32\text{mm}^{+0.05}_0$.

● General Specifications

Standard Resistance

Values: 1k, 2k, 5k, 10k (Ω)
Special Practical Resistance Values: 500, 20k, 50k, 100k (Ω)
Total Resistance Tolerance: Standard Class $\pm 15\%$ (L)
Precision Class $\pm 10\%$ (K)

Independent Linearity Tolerance:

Standard Class $\pm 1.5\%$
Precision Class $\pm 1.0\%$

Resolution:

Essentially infinite

Output Smoothness:

Within 0.1% against input voltage

Contact Resistance

Variation: Within 2% C.R.V.
Power Rating: 1.0W
Electrical Travel: $340^\circ \pm 5^\circ$
Mechanical Travel: 360° (Endless)
Insulation Resistance: Over 1,000M Ω at 500V.D.C.
Dielectric Strength: 1 minute at 500V.A.C.
Starting Torque: Within 5mN·m (50gf·cm)
Resistance Temperature Coefficient: $\pm 400\text{p.p.m./}^\circ\text{C}$
Mass: Approx. 20g

● Special Specifications Available

Extra taps (Available up to 1 tap), Special electrical travel, Inch dimensional shaft dia. ($\phi 6.35\text{mm}$), Bushing with inch dimensions, Special machining on the shaft.