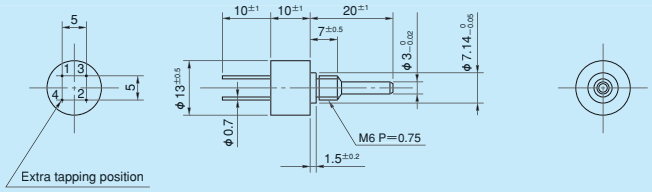
MODEL FCP12AC

"Sakae"

● Conductive Plastic ● Bushingmount ● Low-cost Item ● RoHS Compliant

Model FCP12AC

● Standard Dimensions



Note: 1. 1 pc. each inner teeth washer and hex nut are attached.
2. Please process the mounting hole on the panel. The diameter should be 7.14mm$^{+0.05}_{0}$.

● General Specifications

Standard Resistance Values	1k, 2k, 5k, 10k (Ω)
Special Practical Resistance Values	500, 20k, 50k, 100k (Ω)
Total Resistance Tolerance	Standard Class ±15% (L) Precision Class ±10% (K)
Independent Linearity Tolerance	Standard Class ±2.0% Precision Class ±1.0%
Resolution	Essentially infinite
Output Smoothness	Within 0.1% against input voltage

Contact Resistance Variation	Within 3% C.R.V.
Power Rating	0.2W
Electrical Travel	300° ±5°
Mechanical Travel	360° (Endless)
Insulation Resistance	Over 1,000MΩ at 500V.D.C.
Dielectric Strength	1 minute at 500V.A.C.
Starting Torque	Within 2mN・m (20gf・cm)
Resistance Temperature Coefficient	±400p.p.m./℃
Mass	Approx. 8g

● Special Specifications Available

(In case of the potentiometer with special specifications, the general specifications and environmental specifications may change. Please consult us in advance.)

● Extra tap (Available up to 1 tap) ● Shaft with front and rear extension (Rear shaft with 1mm dia. and 10mm length)

● With stopper (Rotating angle is 310° and stopper strength is 0.3N・m [3kgf・cm]) ● Special electrical travel

● Shaft dia. (φ3.175mm) & bushing with inch dimension ● Special machining on the shaft

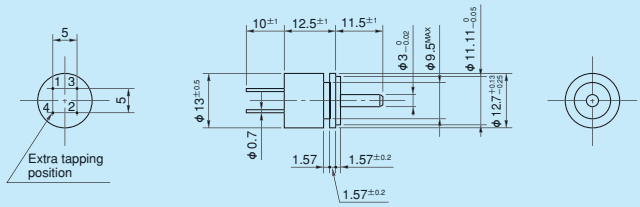
MODEL FCP12A

"Sakae"

● Conductive Plastic ● Servomount ● RoHS Compliant

Model FCP12AC

● Standard Dimensions



● General Specifications

Standard Resistance Values	1k, 2k, 5k, 10k (Ω)
Special Practical Resistance Values	500, 20k, 50k, 100k (Ω)
Total Resistance Tolerance	Standard Class ±15% (L) Precision Class ±10% (K)
Independent Linearity Tolerance	Standard Class ±2.0% Precision Class ±1.0%
Resolution	Essentially infinite
Output Smoothness	Within 0.1% against input voltage

Contact Resistance Variation	Within 3% C.R.V.
Power Rating	0.2W
Electrical Travel	300° ±5°
Mechanical Travel	360° (Endless)
Insulation Resistance	Over 1,000MΩ at 500V.D.C.
Dielectric Strength	1 minute at 500V.A.C.
Starting Torque	Within 1mN・m (10gf・cm)
Resistance Temperature Coefficient	±400p.p.m./℃
Mass	Approx. 5g

● Special Specifications Available

(In case of the potentiometer with special specifications, the general specifications and environmental specifications may change. Please consult us in advance.)

● Extra tap (Available up to 1 tap) ● Shaft with front and rear extension (Rear shaft with 1mm dia. and 10mm length)

● With stopper (Rotating angle is 310° and stopper strength is 0.3N・m [3kgf・cm]) ● Special electrical travel

● Shaft dia. (φ3.175mm) & with inch dimension ● Special machining on the shaft