F.R.G. PAT. No.3136765 FRANCE PAT. No.8118538

HONGKONG PAT. No.751 of 1984 SINGAPORE PAT. No.372/84

Within 2% C.R.V.

 $\pm 5^{\circ}$

±400p.p.m./°C

Approx. 20g

(Endless) Over 1,000MΩ at 500V.D.C.

1 minute at 500V.A.C. Within 5mN • m (50gf • cm)

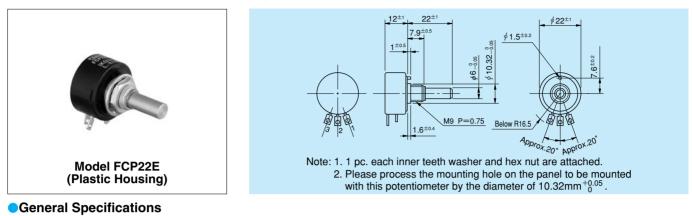
1.0W 320° 360° Sakae

(Bushingmount)

(Conductive Plastic)

MODEL FCP22E

Standard Dimensions



Standard Resistance Values:	1k, 2k, 5k, 10k (Ω)
Special Practical Resistance Values: Total Resistance	500, 20k, 50k, 100k (Ω)
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: Output Smoothness:	Essentially infinite Within 0.1% against input voltage

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 6.35mm) • Bushing with inch dimensions, Special machining on the shaft.

LOW-COST ITEM

(Conductive Plastic)

MODEL FCP22R

(Bushing mount)





Model FCP22R (Plastic Housing)

10.6± 22.2±1 3.5± 9 3±0.5 ¢22.4±1 1.5^{±0.4} 0 ¢10.32⁰ P=0.75 1.57±0.5 $\phi 6^{\circ}$ 6

Contact Resistance

Insulation Resistance: Dielectric Strength:

Electrical Travel: Mechanical Travel:

Starting Torque: Resistance Temperature

Coefficient:

Mass:

Variation: **Power Rating:**

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 10.32mm $^{+0.05}_{0.05}$.

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)
	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

Output Smoothness:

Variation: **Power Rating: Electrical Travel: Mechanical Travel: Insulation Resistance: Dielectric Strength:** Starting Torque: Resistance Temperature Coefficient: Mass:

Contact Resistance

Within 2% C.R.V. 1.0W $\pm 5^{\circ}$ 340° 360° (Endless) Over 1,000M Ω at 500V.D.C. 1 minute at 500V.A.C. Within 5mN • m (50gf • cm)

±400p.p.m./°C Approx. 20g

Special Specifications Available

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