



FCP22E

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

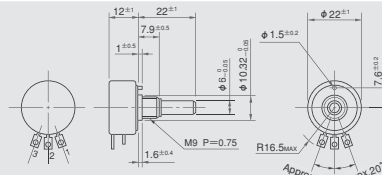


U.S.A. PAT. No.440687 F.R.G. PAT. No.3136765
HONGKONG PAT. No.751 of 1984 U.K. PAT. No.2087160
FRANCE PAT. No.8118538 SINGAPORE PAT. No.372/84



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. The diameter should be 10.32mm + 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 ±15% (L) Precision Class ±10% (K)
Independent Linearity Tolerance	Standard Class ±1.5% Precision Class ±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° ±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 5mN · m (50gf · cm)
Resistance Temperature Coefficient	±400p.p.m./°C
Mass	Approx. 20g

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 6mm dia. and 20mm length)
- Multi-ganged (Available up to 10 gangs)
- With stopper (Rotating angle is 320° and stopper strength is 0.6N · m [6kgf · cm])
- Special electrical travel
- Shaft dia. (φ 6.35mm) & bushing with inch dimension
- Special machining on the shaft



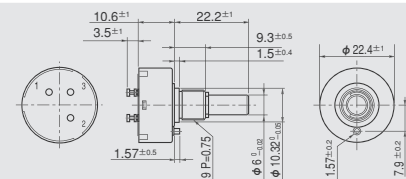
FCP22R

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



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. The diameter should be 10.32mm + 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 ±15% (L) Precision Class ±10% (K)
Independent Linearity Tolerance	Standard Class ±1.5% Precision Class ±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° ±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 5mN · m (50gf · cm)
Resistance Temperature Coefficient	±400p.p.m./°C
Mass	Approx. 20g

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)
- Special electrical travel
- Shaft dia. (φ 6.35mm) & bushing with inch dimension
- Special machining on the shaft