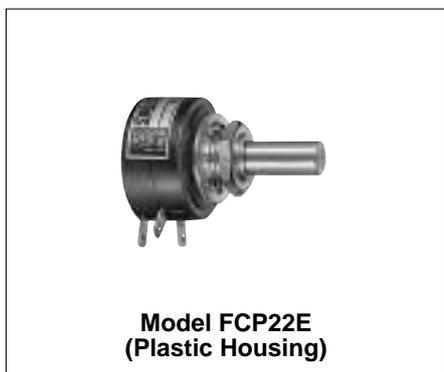


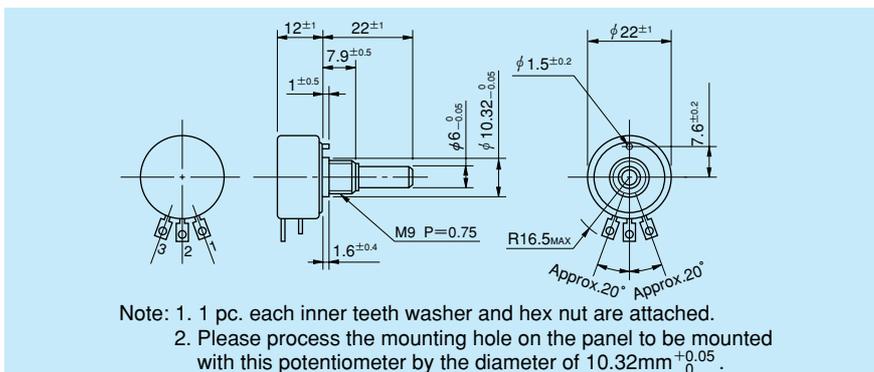
Conductive Plastic

MODEL FCP22E

(Bushingmount)



● 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 $\pm 15\%$ (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), 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. ($\phi 6.35\text{mm}$)·bushing with inch dimensions, Special machining on the shaft.

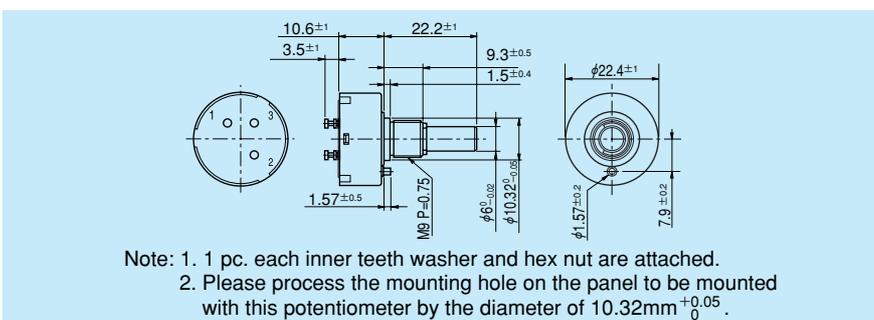
Conductive Plastic

MODEL FCP22R

(Bushing mount)



● 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 $\pm 15\%$ (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, Shaft dia. ($\phi 6.35\text{mm}$) & bushing with inch dimensions, Special machining on the shaft.