

Conductive Plastic

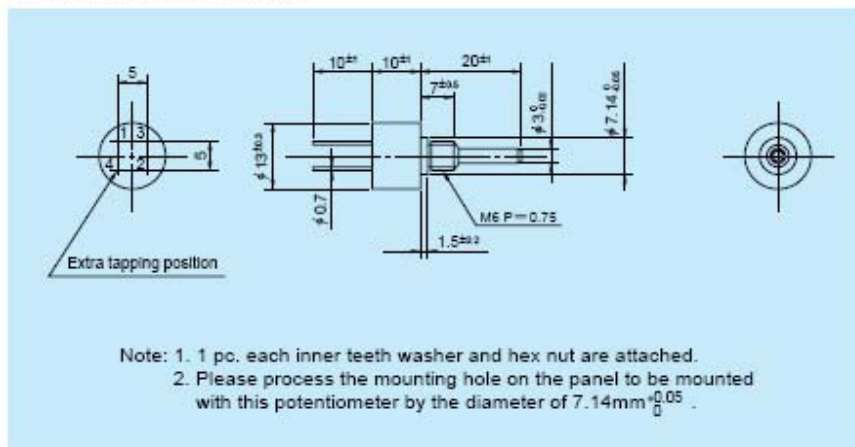
MODEL FCP12AC

(Bushingmount)

Standard Dimensions



Model FCP12AC



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 $\pm 2.0\%$ Precision Class $\pm 1.0\%$
Resolution:	Essentially infinite
Output Smoothness:	Below 0.1% against input voltage

Contact Resistance

Variation:	Below 3% C.R.V.
Power Rating:	0.2W
Electrical Travel:	$300^\circ \pm 5^\circ$
Mechanical Travel:	360° (Endless)
Insulation Resistance:	Over 1,000M Ω at 500V.D.C.
Dielectric Strength:	1 minute at 500V.A.C.
Starting Torque:	Below 2mN·m (20gf·cm)
Resistance Temperature Coefficient:	$\pm 400\text{p.p.m./}^\circ\text{C}$
Mass:	Approx. 8g

Special Specifications Available

Extra taps (Available up to 1 tap), Shaft with front and rear extension (Rear shaft with 1mm dia. and 10mm length), With stopper (Rotating angle becomes 310° and stopper strength is 0.3N·m [3kgf·cm]), Special electrical travel, Shaft dia. ($\varnothing 3.175\text{mm}$)•bushing with inch dimensions, Special machining on the shaft.

Conductive Plastic

MODEL FCP12A

(Servomount)



Model FCP12A

● Standard Dimensions

