

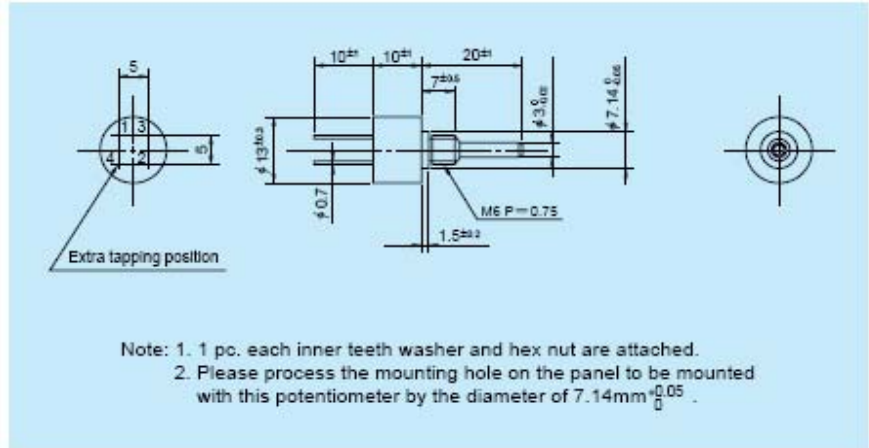
Conductive Plastic

MODEL FCP12AC

(Bushingmount)



Standard Dimensions



General Specifications

| | | | |
|---|---|--|------------------------------------|
| Standard Resistance Values: | 1k, 2k, 5k, 10k (Ω) | Contact Resistance Variation: | Below 3% C.R.V. |
| Special Practical Resistance Values: | 500, 20k, 50k, 100k (Ω) | Power Rating: | 0.2W |
| Total Resistance Tolerance: | Standard Class $\pm 15\%$ (L) Precision Class $\pm 10\%$ (K) | Electrical Travel: | $300^\circ \pm 5^\circ$ |
| Independent Linearity Tolerance: | Standard Class $\pm 2.0\%$ Precision Class $\pm 1.0\%$ | Mechanical Travel: | 360° (Endless) |
| Resolution: | Essentially infinite | Insulation Resistance: | Over 1,000M Ω at 500V.D.C. |
| Output Smoothness: | Below 0.1% against input voltage | Dielectric Strength: | 1 minute at 500V.A.C. |
| | | Starting Torque: | Below 2mN•m (20gf•cm) |
| | | Resistance Temperature Coefficient: | ± 400 p.p.m./ $^\circ\text{C}$ |
| | | Mass: | Approx. 8g |

Special Specifications Available

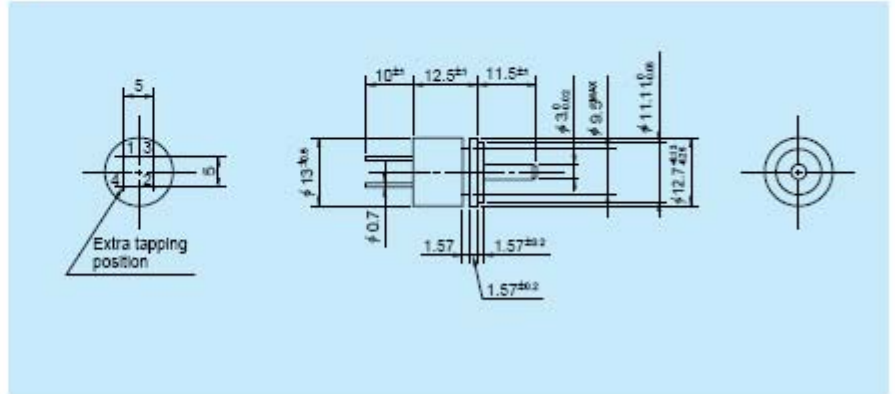
Extra taps (Available up to 1 tap), Shaft with front and rear extension (Rear shaft with 1mm dia. and 10mm length), With stopper (Rotating angle becomes 310° and stopper strength is 0.3N•m [3kgf•cm]), Special electrical travel, Shaft dia. ($\varnothing 3.175$ mm)•bushing with inch dimensions, Special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

Conductive Plastic

MODEL FCP12A

(Servomount)

● Standard Dimensions



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