

### ● General Specifications

#### Standard Resistance

<b>Values:</b>	1k, 2k, 5k, 10k ( $\Omega$ )
<b>Special Practical Resistance Values:</b>	500, 20k, 50k, 100k ( $\Omega$ )
<b>Total Resistance Tolerance:</b>	Standard Class $\pm 15\%$ (L) Precision Class $\pm 10\%$ (K)
<b>Independent Linearity Tolerance:</b>	Standard Class $\pm 2.0\%$ Precision Class $\pm 1.0\%$
<b>Resolution:</b>	Essentially infinite
<b>Output Smoothness:</b>	Below 0.1% against input voltage

#### Contact Resistance

<b>Variation:</b>	Below 3% C.R.V.
<b>Power Rating:</b>	0.2W
<b>Electrical Travel:</b>	$300^\circ \pm 5^\circ$
<b>Mechanical Travel:</b>	$360^\circ$ (Endless)
<b>Insulation Resistance:</b>	Over 1,000M $\Omega$ at 500V.D.C.
<b>Dielectric Strength:</b>	1 minute at 500V.A.C.
<b>Starting Torque:</b>	Below 1mN•m (10gf•cm)
<b>Resistance Temperature Coefficient:</b>	$\pm 400$ p.p.m./ $^\circ\text{C}$
<b>Mass:</b>	Approx. 5g

### ● 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  $310^\circ$  and stopper strength is 0.3N•m [3kgf•cm]), Special electrical travel, Shaft dia. ( $\phi 3.175$ mm)•with inch dimensions, Special machining on the shaft.

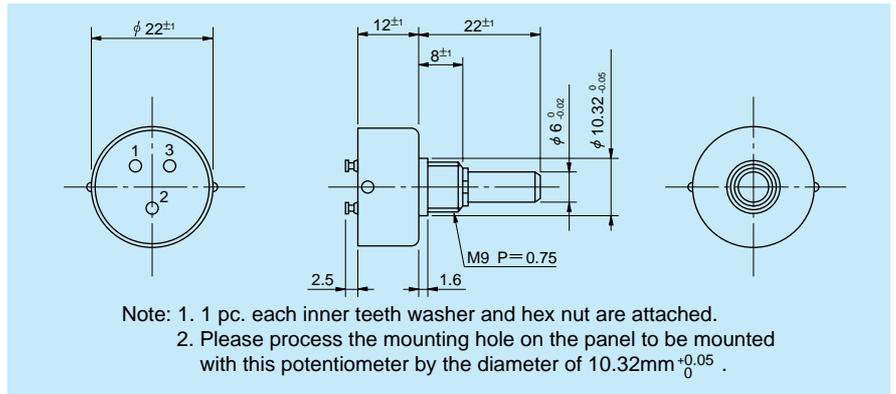
LOW-COST ITEM

Conductive Plastic

## MODEL FCP22AC

(Bushingmount)

### ● Standard Dimensions



### ● General Specifications

#### Standard Resistance

<b>Values:</b>	1k, 2k, 5k, 10k ( $\Omega$ )
<b>Special Practical Resistance Values:</b>	500, 20k, 50k, 100k ( $\Omega$ )
<b>Total Resistance Tolerance:</b>	Standard Class $\pm 15\%$ (L) Precision Class $\pm 10\%$ (K)
<b>Independent Linearity Tolerance:</b>	Standard Class $\pm 1.5\%$ Precision Class $\pm 1.0\%$
<b>Resolution:</b>	Essentially infinite
<b>Output Smoothness:</b>	Below 0.1% against input voltage

#### Contact Resistance

<b>Variation:</b>	Below 2% C.R.V.
<b>Power Rating:</b>	1.0W
<b>Electrical Travel:</b>	$320^\circ \pm 5^\circ$
<b>Mechanical Travel:</b>	$360^\circ$ (Endless)
<b>Insulation Resistance:</b>	Over 1,000M $\Omega$ at 500V.D.C.
<b>Dielectric Strength:</b>	1 minute at 500V.A.C.
<b>Starting Torque:</b>	Below 5mN•m (50gf•cm)
<b>Resistance Temperature Coefficient:</b>	$\pm 400$ p.p.m./ $^\circ\text{C}$
<b>Mass:</b>	Approx. 30g

### ● Special Specifications Available

Extra taps (Available up to 1 tap), Shaft with front and rear extension (Rear shaft with 3mm dia. and 20mm length), With stopper (Rotating angle becomes  $320^\circ$  and stopper strength is 0.9N•m [9kgf•cm]), Special electrical travel, Shaft dia. ( $\phi 6.35$ mm)•bushing with inch dimensions, Special machining on the shaft.