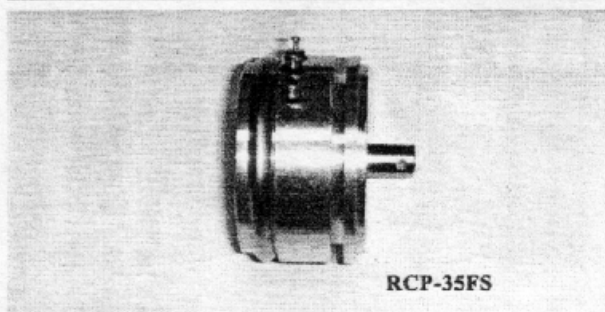
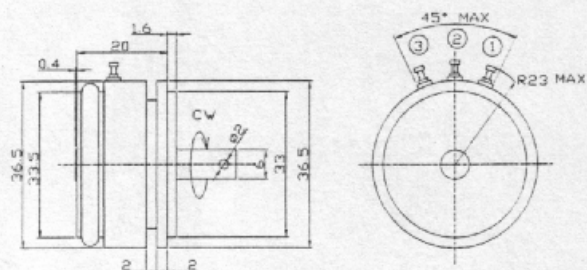


EMOMIJI PRECISION CONDUCTIVE PLASTIC POTENTIOMETER

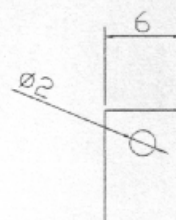
RCP-35FS



■ OUTLINE DRAWING



■ MOUNTING DIAGRAM



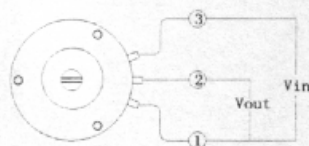
■ PRODUCT FEATURES

- 360° Non-stop Rotation;
- Built-in Ball Bearing;
- Light Weight, Low Cost, Suitable for Servo Mounting;
- Tailor-made Specification Wellcome.

■ ELECTRICAL CHARACTERISTICS

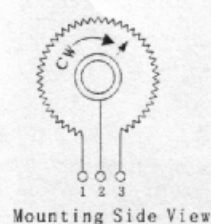
Effective Electrical Angle	345°
Total Resistance Value	0.5、1、2、5k Ω
Total Resistance Tolerance	$\pm 20\%$
Independent Linearity	$\pm 1\%$ ($\pm 0.5\%$ precision)
Power Rating	2W/70°C
Output Smoothness	0.1% Max
Insulation Resistance	Max 100M Ω at DC1000V
Dielectric strength	AC1000V For 1 Minute
Resistance of Temperature Coefficient	$\pm 500\text{ppm}/^\circ\text{C}$

■ CIRCUIT CONNECTION

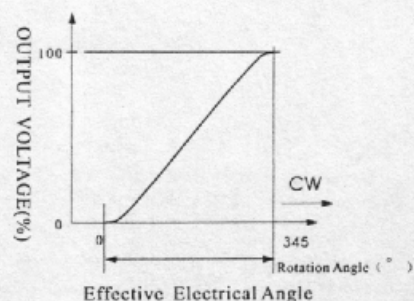


■ MECHANICAL CHARACTERISTICS

Mechanical Rotation Angle	360° Non-stop
Rotational Torque	$18 \times 10^{-4}\text{N}\cdot\text{m}$ (18gf.cm) Max
Weight	About 40g



■ OUTPUT CHARACTERISTICS



■ ENVIRONMENTAL CHARACTERISTICS

Operating Temperature Range	$-40 \sim 120^\circ\text{C}$
Vibration	150m/s^2 (15G) 2000Hz
Shock	490m/s^2 (50G) 11ms
Life Cycle	10 million cycles