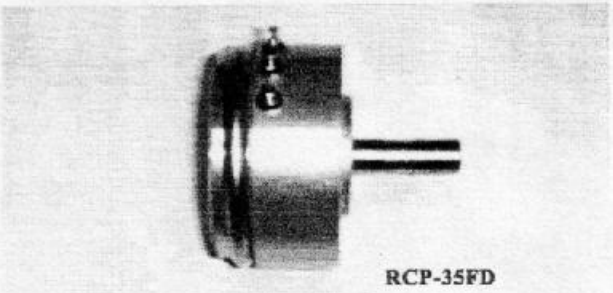
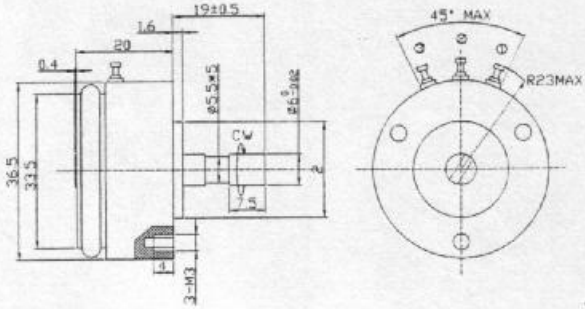
EMOMIJI PRECISION CONDUCTIVE PLASTIC POTENTIOMETER

RCP-35FD



RCP-35FD

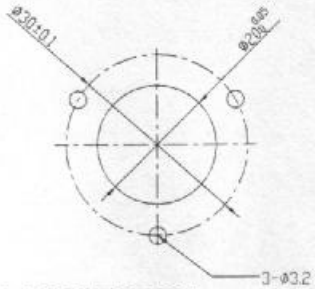
■ OUTLINE DRAWING



■ PRODUCT FEATURES

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

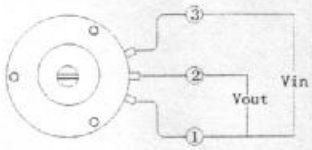
■ MOUNTING DIAGRAM

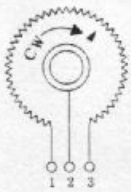


■ ELECTRICAL CHARACTERISTICS

Effective Electrical Angle	345°
Total Resistance Value	0.5、1、2、5kΩ
Total Resistance Tolerance	±20%
Independent Linearity	±1% (±0.5% Precision)
Power Rating	2W/70℃
Output Smoothness	0.1% Max
Insulation Resistance	Max 100MΩ at DC1000V
Dielectric strength	AC1000V For 1Minute
Resistance of Temperature Coefficient	±500ppm/℃

■ CIRCUIT CONNECTION



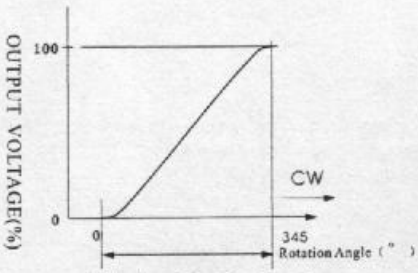


Mounting Side View

■ MECHANICAL CHARACTERISTICS

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

■ OUTPUT CHARACTERISTICS



Effective Electrical Angle

■ ENVIRONMENTAL CHARACTERISTICS

Operating Temperature Range	−40~120℃
Vibration	150m/s² (15G) 2000Hz
Shock	490m/s² (50G) 11ms
Life Cycle	10 million cycles

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