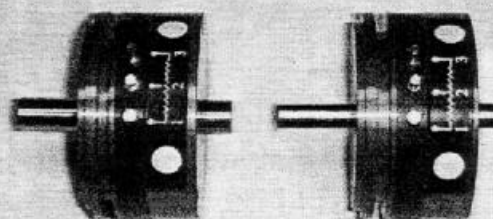


EMOMIJI PRECISION CONDUCTIVE PLASTIC POTENTIOMETER

RCP-35FB SERIES



RCP-35FB-D6

RCP-35FB-D4

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	340°
Total Resistance Value	0.5、1、2、5、10k Ω
Total Resistance Tolerance	$\pm 20\%$
Independent Linearity	$\pm 1\%$ ($\pm 0.2\%$ 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	$\pm 500\text{ppm}/^\circ\text{C}$

MECHANICAL CHARACTERISTICS

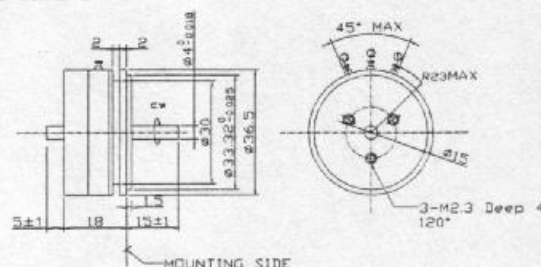
Mechanical Rotation Angle	360° Non-stop
Rotational Torque	14 $\times 10^{-4}$ N.m (14gf.cm) Max
Weight	About 40g

ENVIRONMENTAL CHARACTERISTICS

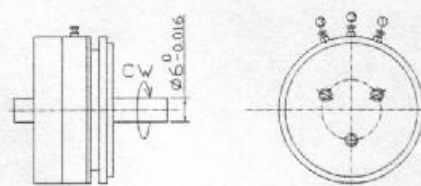
Operating Temperature	-40~120°C
Vibration	150m/s ² (15G) 2000Hz
Shock	490m/s ² (50G) 11ms
Life Cycle	10 million cycles

OUTLINE DRAWING

RCP-35FB-D4

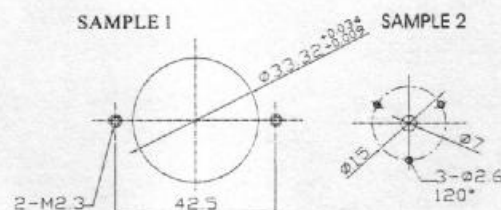


RCP-35FB-D6

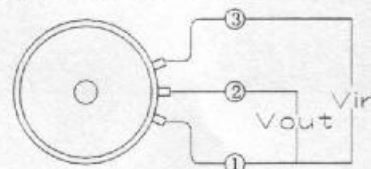


(Unspecified Dimensions The Same as RCP-35FB-D4)

MOUNTING DIAGRAM

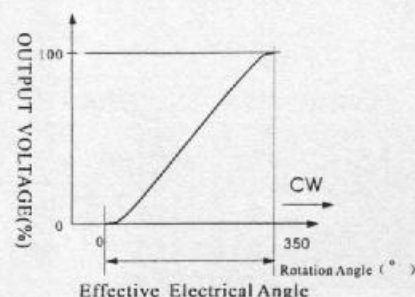


CIRCUIT CONNECTION



Mounting Side View

OUTPUT CHARACTERISTICS



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