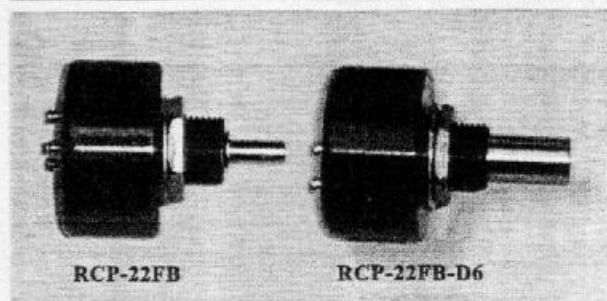


EMOMIJI PRECISION CONDUCTIVE PLASTIC POTENTIOMETER

RCP-22FB SERIES



PRODUCT FEATURES

- 360° Non-stop Rotation;
- Built-in Ball Bearing;
- Small Diameter, Light Weight, Low Cost;
- Tailor-made Specification Wellcome.

ELECTRICAL CHARACTERISTICS

Effective Electrical Angle	340°
Total Resistance Value	0.5、1、2、5kΩ
Total Resistance Tolerance	±20%
Independent Linearity	±1%
Power Rating	0.5W/70℃
Output Smoothness	0.1% Max
Insulation Resistance	Max 100MΩ at DC1000V
Dielectric strength	AC1000V FOR 1Minute
Resistance of Temperature Coefficient	±500ppm/℃

MECHANICAL CHARACTERISTICS

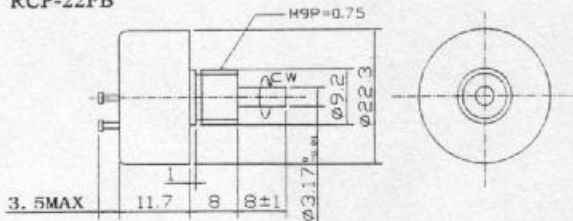
Mechanical Rotation Angle	360° Non-stop
Rotational Torque	20 × 10 ⁻⁴ N.m (20gf.cm) Max
Weight	About 20g

ENVIRONMENTAL CHARACTERISTICS

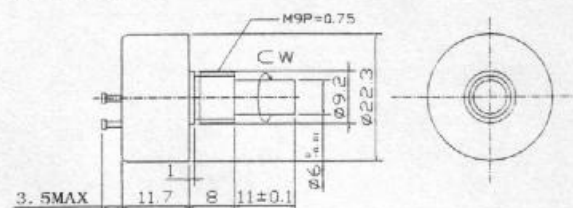
Operating Temperature Range	-40~100℃
Vibration	150m/s ² (15G) 2000Hz
Shock	490m/s ² (50G) 11ms
Life Cycle	10 million cycles

OUTLINE DRAWING

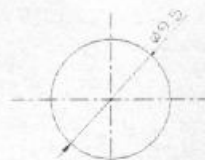
RCP-22FB



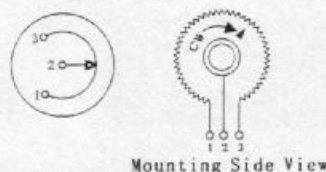
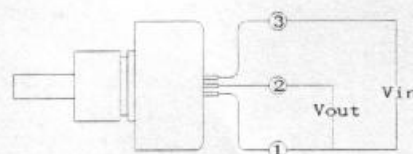
RCP-22FB-D6



MOUNTING DIAGRAM



CIRCUIT CONNECTION



OUTPUT CHARACTERISTICS

