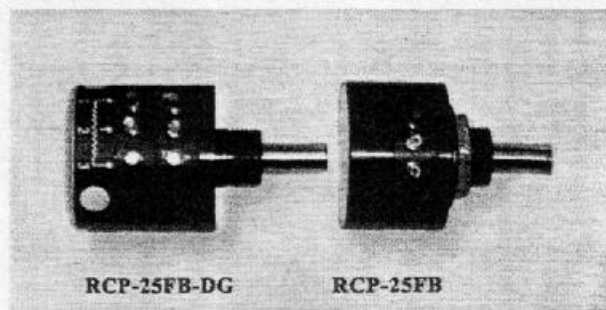


EMOMIJI PRECISION CONDUCTIVE PLASTIC POTENTIOMETER

RCP-25FB SERIES



PRODUCT FEATURES

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

ELECTRICAL CHARACTERISTICS

Effective Electrical Angle	340°
Total Resistance Value	0.5、1、2、5、10kΩ
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	AC500V For 1 Minute
Resistance of Temperature Coefficient	±500ppm/℃
Synchronous Error	0.5% (RCP-25FB-DG)

MECHANICAL CHARACTERISTICS

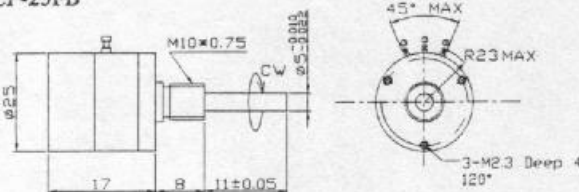
Mechanical Rotation Angle	360°
Rotational Torque	20×10 ⁻⁴ N.m Max 20gf.cm (RCP-25FB)
	30×10 ⁻⁴ N.m Max 20gf.cm (RCP-25FB-DG)
Weight	About 30g (RCP-25FB)
	About 35g (RCP-25FB-DG)

ENVIRONMENTAL CHARACTERISTICS

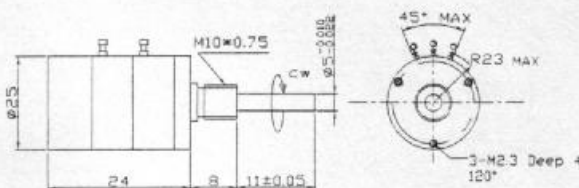
Operating Temperature Range	-40~100℃
Vibration	150m/s ² (15G) 2000Hz
Shock	490m/s ² (50G) 11ms
Life Cycle	10 million cycles

OUTLINE DRAWING

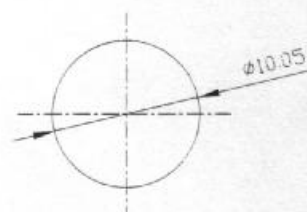
RCP-25FB



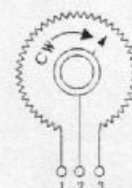
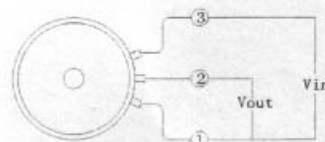
RCP-25FB-DG



MOUNTING DIAGRAM

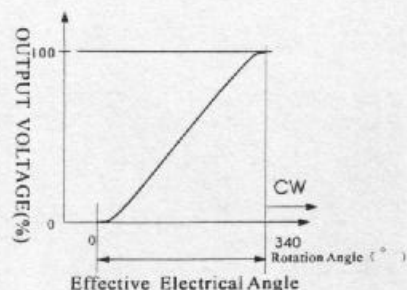


CIRCUIT CONNECTION



Mounting Side View

OUTPUT CHARACTERISTICS



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