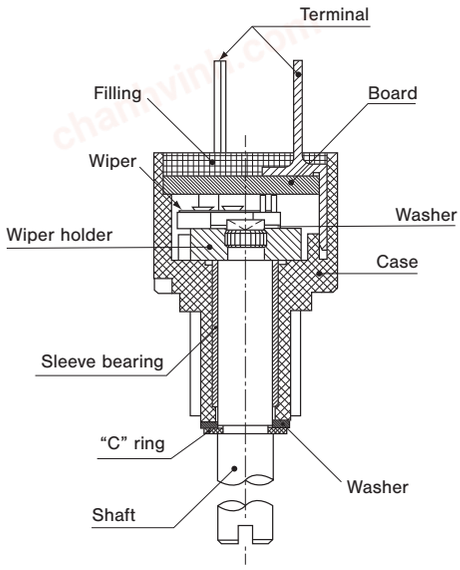
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CONDUCTIVE PLASTIC SINGLE TURN TYPE JC10

RoHS compliant



Basic construction
Conductive plastic single turn type



FEATURES

- Compact (ϕ 10 mm)
- Long life
- High resolution (Essentially infinite)
- High following characteristics
- Cost effective
- RoHS compliant

PART NUMBER DESIGNATION

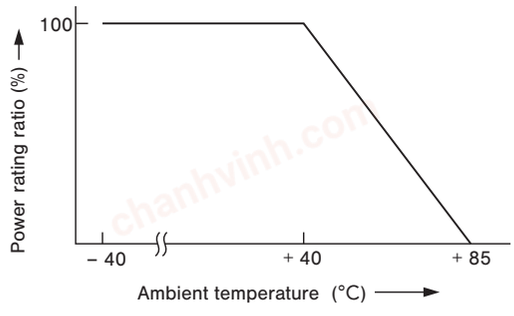
JC10-000-202N

- JC10: Series name
- 202: Nominal resistance value (Ω) — 2 k, 5 k, 10 k
- N

LIST OF PART NUMBERS

Nominal resistance value	Part number
2 kΩ	JC10-000-202N
5 kΩ	JC10-000-502N
10 kΩ	JC10-000-103N

RATED POWER DERATING CURVE



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JC10
POTENTIOMETERS

STANDARD SPECIFICATIONS

Electrical characteristics

Nominal resistance value	2 kΩ, 5 kΩ, 10 kΩ
Resistance tolerance %	± 20
Resolution	Essentially infinite
Independent linearity %	± 2
Effective electrical angle	324° ± 5°
Power rating (at 40 °C) W	0.125
Dielectric strength Vrms	500, 1min
Insulation resistance MΩ minimum	100 (at DC 500 V)
Temp. coefficient of resistance ppm/°C	± 400
Output smoothness	0.1 % maximum

Mechanical characteristics

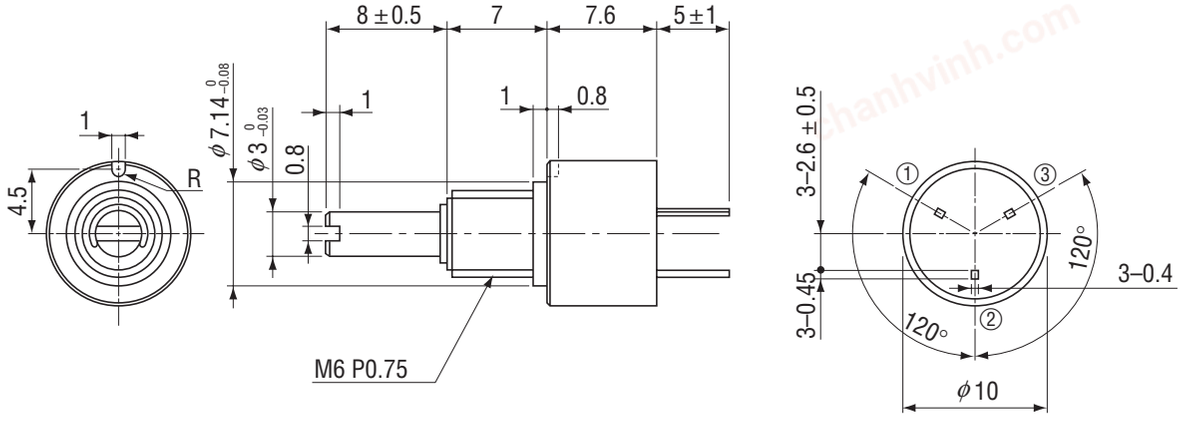
Mechanical angle	360° continuous
Rotational torque mN·m {gf·cm} maximum	1.96 {20}
Rotational life (cycles)	5 million
Strength of tighten screw N·cm {kgf·cm}	49 {5} maximum

Environmental characteristics

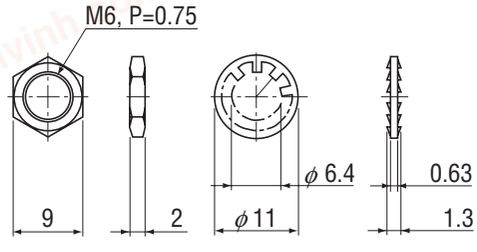
Operating temp. range °C	-30 ~ 85
Net weight g	Approx. 3
Protection grade	IP40

OUTLINE DIMENSIONS

(Unit : mm)



〈Accessories〉



<Wiring diagram>

