

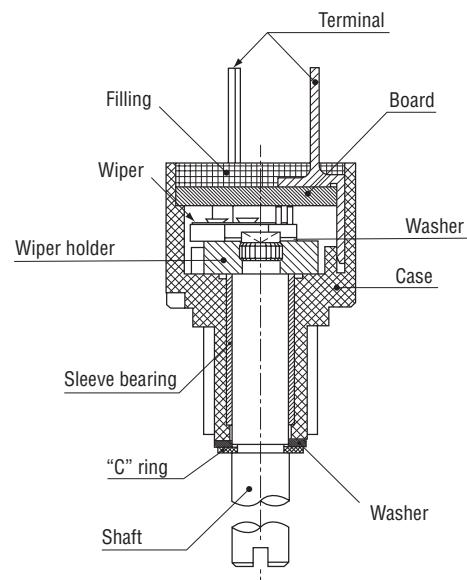
CONDUCTIVE PLASTIC SINGLE TURN TYPE

JC10 series

RoHS compliant



Basic construction
Conductive plastic single turn type



■ FEATURES

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

■ PART NUMBER DESIGNATION

JC10-000-202N

Series name

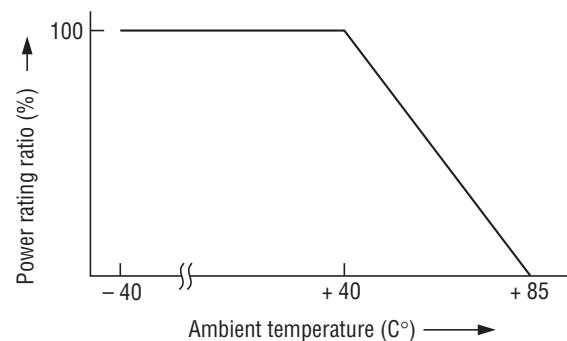
Nominal resistance value (Ω)

2 k, 5 k, 10 k

■ LIST OF PART NUMBERS

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

■ RATED POWER DERATING CURVE



■ 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
Dielectric strength	Vrms
Insulation resistance	MΩ minimum
Temp. coefficient resistance	ppm/°C
Output smoothness	0.1 % maximum

● Mechanical characteristics

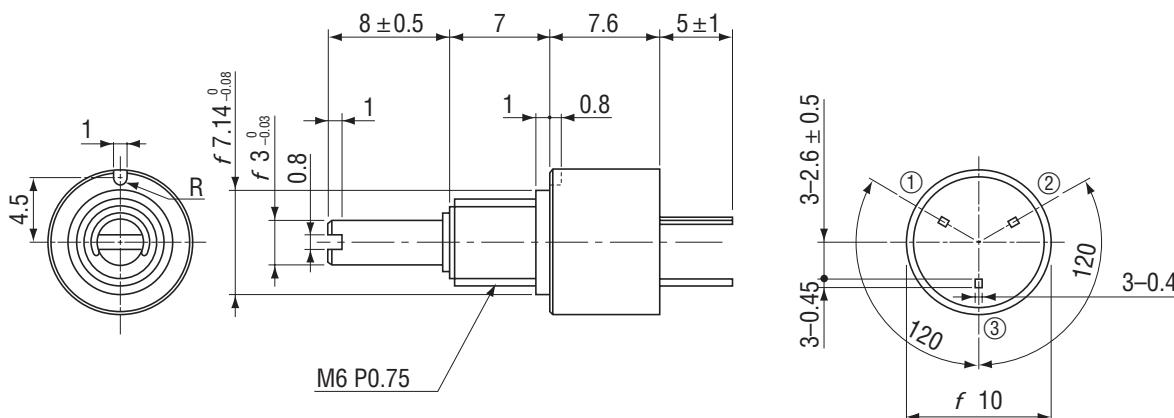
Mechanical angle	360° continuous
Rotational torque	mN·m {gf·cm} maximum
Rotational life (cycles)	5 million
Strength of tighten screw	N·cm {kgf·cm} maximum

● Environmental characteristics

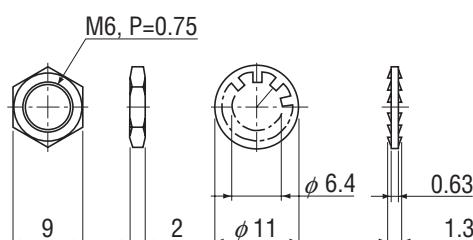
Operating temp. range	°C	-30 ~ 85
Net weight	g	Approx. 3
Protection grade		IP-40

■ OUTLINE DIMENSIONS

(Unit : mm)



⟨Accessories⟩



⟨Wiring diagram⟩

