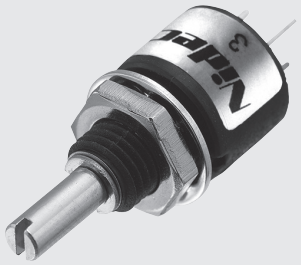
EN: This Datasheet/Document is presented by the manufacturer.

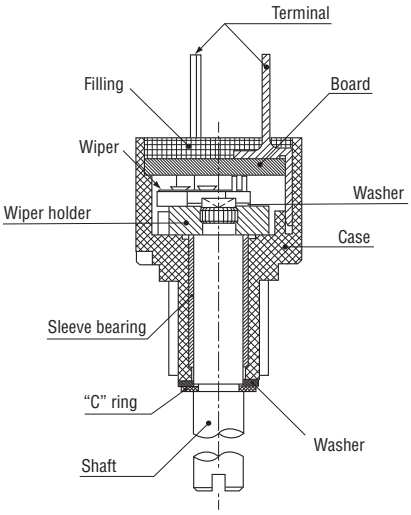
Please visit our website for pricing and availability at www.hestore.hu.

CONDUCTIVE PLASTIC SINGLE TURN TYPE JC10 series

RoHS compliant



Basic construction
Conductive plastic single turn type



■ FEATURES

- Compact (φ10 mm)
- Long life
- High resolution (Essentially infinite)
- High following characteristics
- Cost effective
- RoHS compliant

■ PART NUMBER DESIGNATION

JC10-000-202N

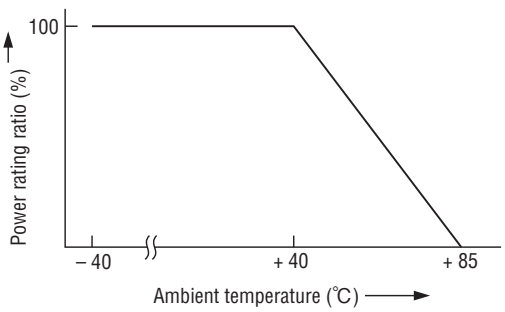
Series name

Nominal resistance value (Ω)
2 k, 5 k, 10 k

■ LIST OF PART NUMBERS

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

■ RATED POWER DERATING CURVE



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

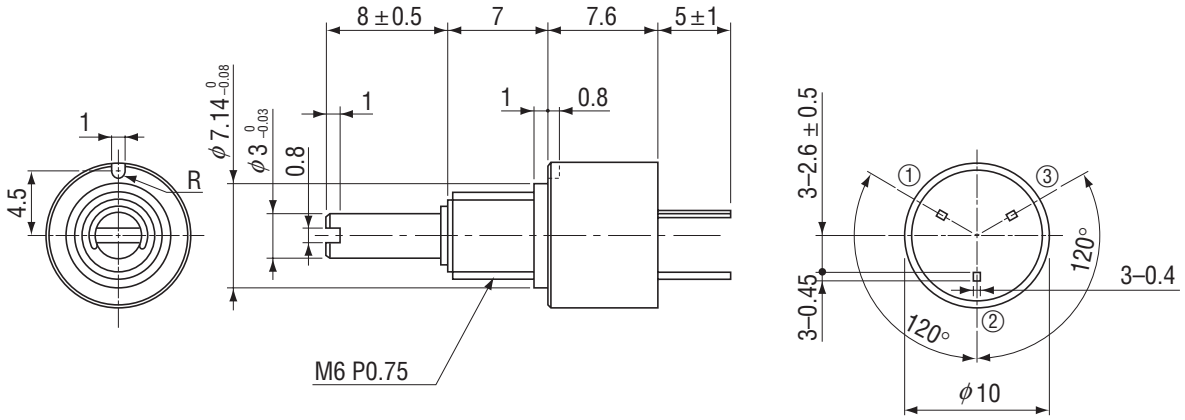
Mechanical angle		360°continuous
Rotational torque	mN·m {gf·cm} maximum	1.96 {20}
Rotational life (cycles)		5 million
Strength of tighten screw	N·cm {kgf·cm}	49 {5} maximum

● Environmental characteristics

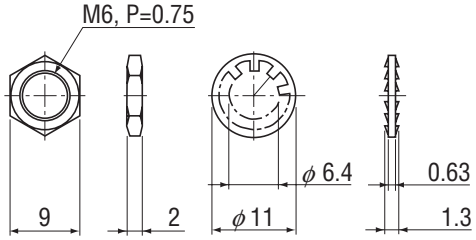
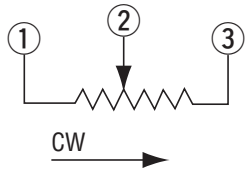
Operating temp. range	°C	-30 ~ 85
Net weight	g	Approx. 3
Protection grade		IP40

■ OUTLINE DIMENSIONS

(Unit : mm)



〈Accessories〉



＜Wiring diagram＞