

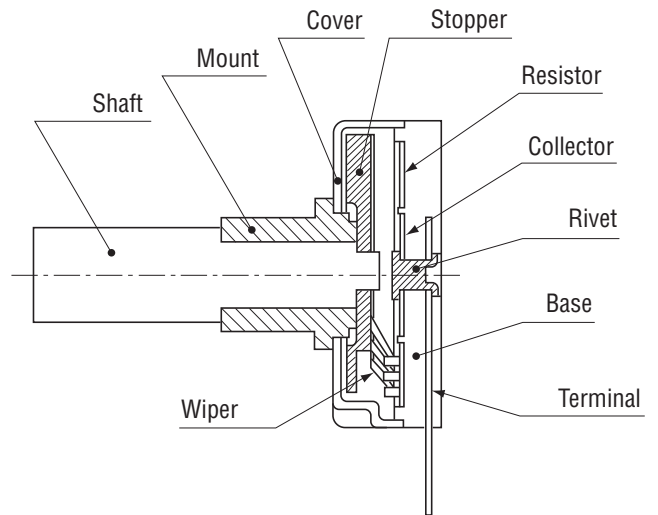
CONDUCTIVE PLASTIC SINGLE TURN TYPE

CRV16 series

RoHS compliant



Basic construction
Conductive plastic single turn type



FEATURES

- Long life
- Cost effective
- High linearity through precision wire winding
- RoHS compliant

PART NUMBER DESIGNATION

CRV16 - 00 - 102

Series name

Nominal resistance value (Ω)

102 : 1 k 202 : 2 k
502 : 5 k 103 : 10 k

LIST OF PART NUMBERS

Nominal resistance value	Part number
1 kΩ	CRV16-00-102
2 kΩ	CRV16-00-202
5 kΩ	CRV16-00-502
10 kΩ	CRV16-00-103

CRV16 POTENTIOMETERS

STANDARD SPECIFICATIONS

Electrical characteristics

Nominal resistance value	1 kΩ, 2 kΩ, 5 kΩ, 10 kΩ
Resistance tolerance	% ± 20
Resolution	Essentially infinite
Independent linearity	% ± 1
Effective electrical angle	220° ± 10°
Power rating (at 40 °C)	W 0.25
Dielectric strength	500, 1min
Insulation resistance MΩ minimum	50 (at DC 500 V)
Temp. coefficient resistance ppm/°C	± 400
Output smoothness	0.5 % maximum

Mechanical characteristics

Mechanical angle	260° ± 5°
Rotational torque	mN·m {gf·cm} maximum 3.92 {40}
Stop strength	N·m {kgf·cm} minimum 0.196 {2}
Rotational life (cycles)	500 thousand cycles

Environmental characteristics

Operating temp. range	°C -10 ~ 80
Drip-proof structure	IP-20

OUTLINE DIMENSIONS

Unless otherwise specified tolerance : ± 0.5 (Unit : mm)

