



CN15 15 mm CERMET PRESET POTENTIOMETERS

Description

The CN-15 series are manufactured as a thick film resistance track layer on ceramic substrate. The CN-15 preset series potentiometers are linear. The terminals, a and c (see Fig. 1) are the end terminals; b is the central terminal connected to the slider. All terminals are applicable to a PCB.

Applications

These potentiometers are designed for preset resistance control with provision for re-adjustments. They are particularly suitable for use in professional and/or in those applications where stability is important.

Quick Reference Data

Parameters	Value
Nominal Resistance R_N	According E6 series (1 - 1, 5 - 2, 2 - 3, 3 - 4, 7 - 6, 8 - 10 etc.)
Resistance range: A (linear) (ohms)	100 ÷ 4,7M
Tolerance of resistance (%)	$\pm 20\% R_N$ less or equal to 680kohms $\pm 30\% R_N$ greater than 680kohms
Maximum power dissipation P_N at T= 70°C: (W)	1,0
Maximum working voltage: (V)	250
Maximum power dissipation P_N at T= 100°C	50% P_N
Temperature Coefficient of Resistance (TCR)	$\pm 300 \times 10^{-6}/^{\circ}\text{K}$
Climatic category	55/125/56

Marking

Then potentiometers are marked on a case: Resistance; date of manufacturing.

Ordering example:

In order please specify according example: preset cermet potentiometer diameter 15mm; vertical, nominal resistance 47kohms:

Potentiometer CN-15.2 - 47kohms

Packing:

The potentiometers can be supplied in bulk packing in plastic bags and in a carton box.

Types - general specification:

Type of potentiometer	Kind of mounting	Pins spacing first-end x slide	Control Method (tool)
CN 15.1	horizontal	10 x 15	screwdriver
CN 15.2	vertical	10 x 5	screwdriver

Outline view (dimensions) of potentiometers:

