

# P65CS

# ATTENUATOR

## Low contact resistance

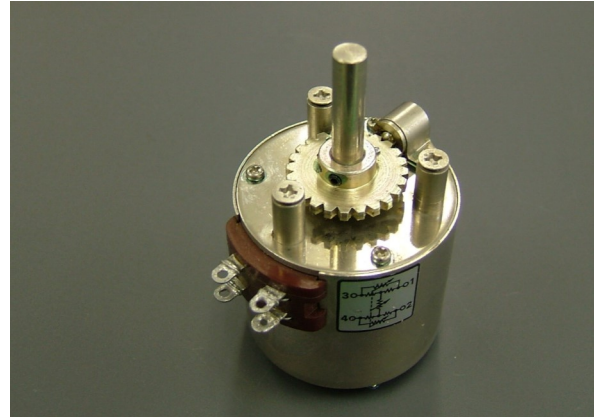
Au-plated contact materials.

## Multiple contact

41positions (0dB - Cut off)

## High Accuracy

Used a highly precise resistor.



### Model number

**2** **P** **65** **C** **S** - **G** - **10kohm**

\*A \*B Max attenuation Product type \*C Total resistance

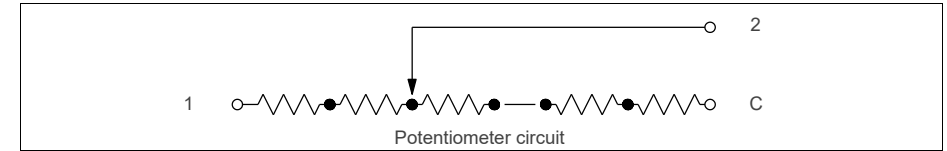
\*A Number of circuit **Blank**: single circuit, **2**: Dual circuits

\*B Circuit **P**: Potentiometer

\*C Stepper Type **Blank**: Non-stepper type (Without clicks), **S**: Stepper type (With clicks)

\*Dimensions are different.

### Circuit method



### Electrical specifications

	P65CS	2P65CS
Circuit method	Potentiometer (stepped)	
Attenuation (Load: High)	BTS-65dB 0, 1, 2, 3, ... (1dB step)..., 24, 25.5, 27, 28.5, 30, 31.5, 33.5, 35.5, 37.5, 39.5, 42, 45, 48.5, 53, 58, 65, cut off Attenuation decreases with the clockwise (Up to Signal level).	
Attenuation accuracy	±0.3dB	
Max attenuation	65dB ±1.0dB	
Cut off (15kHz)	80dB Min.	
Matching accuracy	-	0.5dB or less (0dB - 65dB)
Number of circuit	1	2
Total resistance	1kohm, 10kohm, 50kohm, 100kohm, 250kohm ±5%	
Insertion loss	0.3dB or less	
Input level	Max. 0.3W	
Frequency range (DC ~ Max)	Total resistance	1kohm, 10kohm, 50kohm, 100kohm, 250kohm
	Max	100kHz, 50kHz, 20kHz, 15kHz
Voltage proof	1 Min. at AC100V	
Insulation resistance	100Mohm or more at DC500V	
Rotational life	30,000 Cycles Min. (18cycles/min, Insertion loss: 1dB or less)	

### Mechanical specifications

	P65CS
Operating angle	320degrees ±2degrees (Step angle: 8degrees)
Strength of Nut-Attached	100Ncm
Attached Parts	M3 screw (Length: Panel thickness + 3~5mm)
Stopper strength	50Ncm
Push-pull strength	50N

### General specifications

	P65CS
Temp.range	-10 to +60 degrees C (Operating), -15 to +65 degrees C (Storage)
Relative humidity	80%RH (No condensation)

### Note

\* Solder heat resistance: 350degrees C max, 5sec max, to twice. (Manual soldering only)

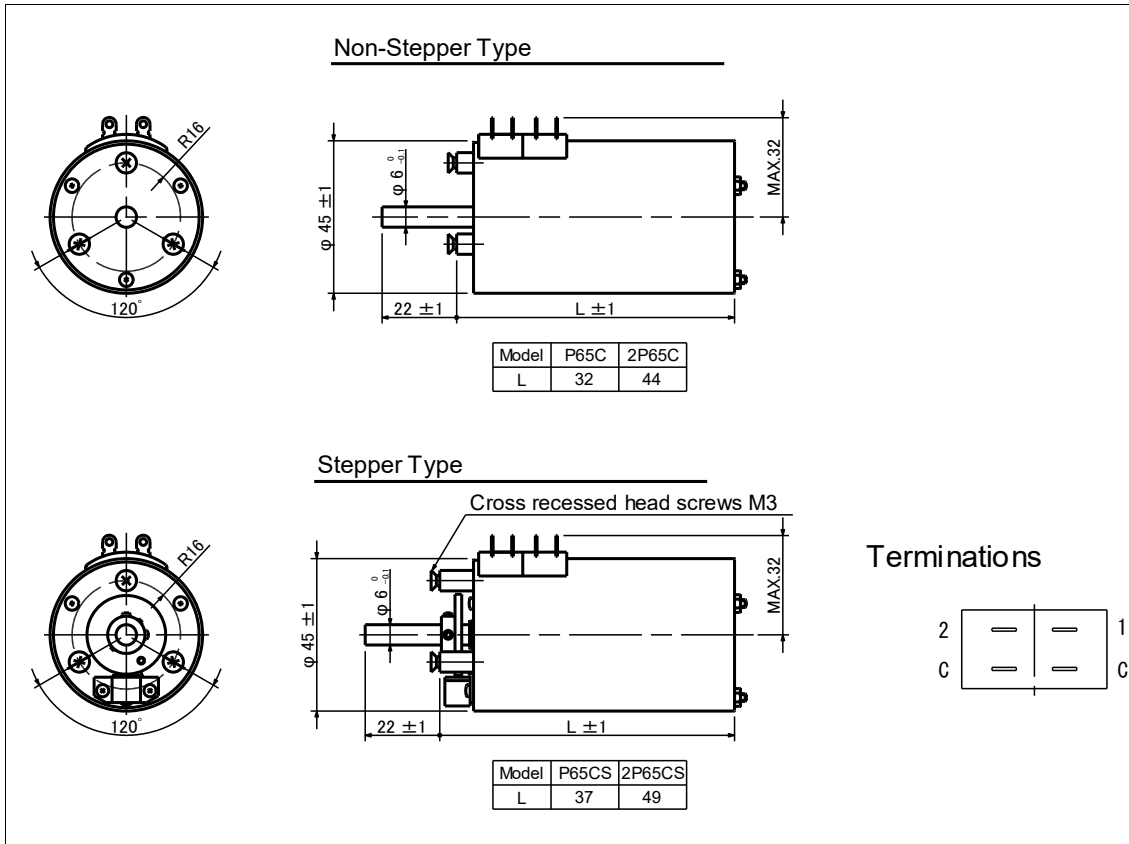
\* The solder please use the thing of the same composition. (Solder for wire lapping sticks to a terminal.)  
Use solder: SN100C (Sn-0.7Cu-0.05Ni-Ge) NIHON SUPERIOR CO.,LTD.

\* This product is an attenuator of the types to change resistance. Therefore, a switching noise may occur.

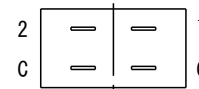
\* High impedance: Infinity. (or more than 20 times of total resistance)



### Dimensions



### Terminations



The products and their specifications are subject to change without notice.

TOKYO KO-ON DENPA CO., LTD. www.tkd-corp.com EDA-201607