

P65C Series

ATTENUATOR

Low contact resistance

Au-plated contact materials.

Multiple contact

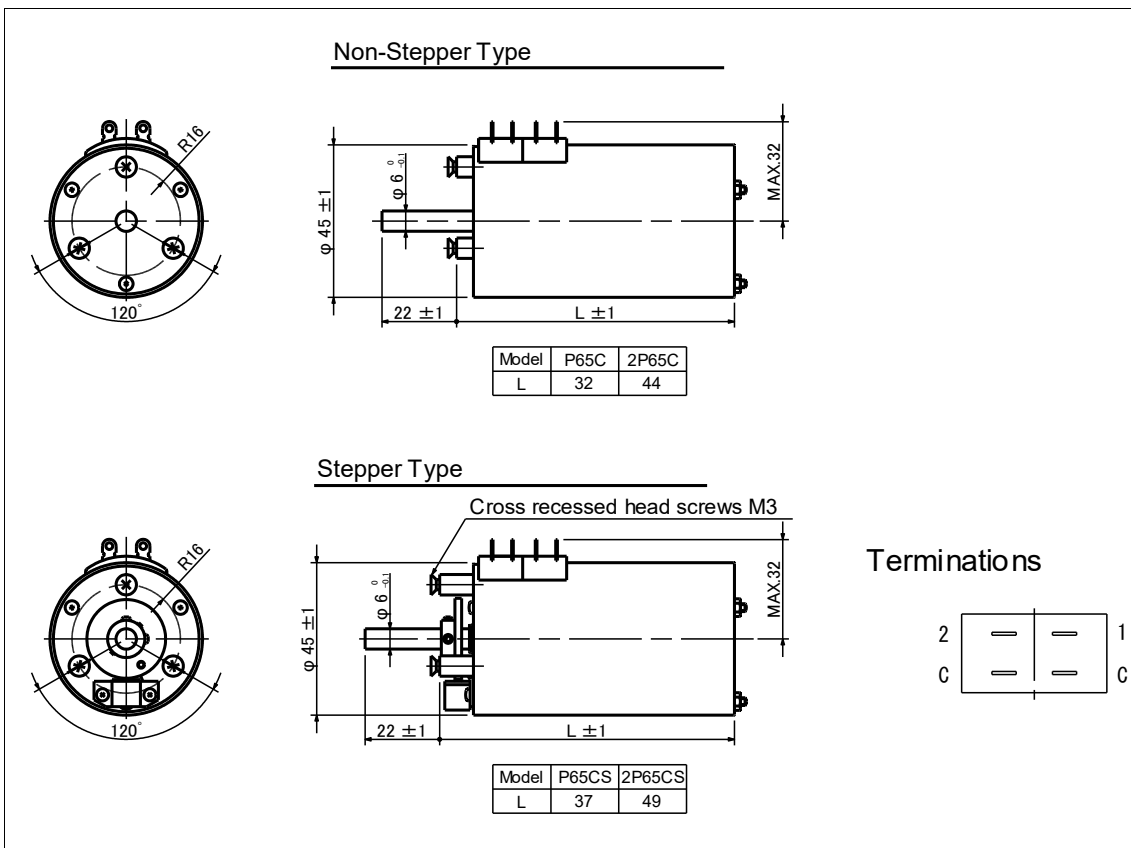
41 positions (0dB - Cut off)

High Accuracy

Used a highly precise resistor.



Dimensions



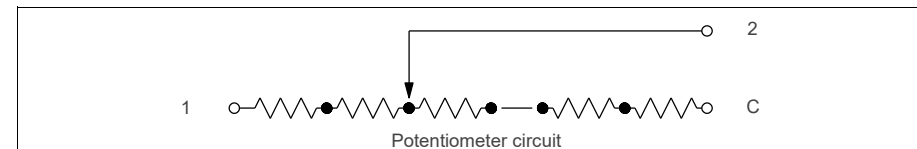
The products and their specifications are subject to change without notice.
TOKYO KO-ON DENPA CO., LTD. www.tkd-corp.com EDA-201808

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) LS: Soft Stepper type (With clicks)

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)		
Operating force	P65C: 0.1~1.5Ncm	P65CS: 8~10Ncm	P65CLS: 0.5~1.5Ncm
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)
- * Use Solder (for wire lapping sticks to a terminal): 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)