

P65CS

ATTENUATOR

Low contact resistance

Au-plated contact materials.

Multiple contact

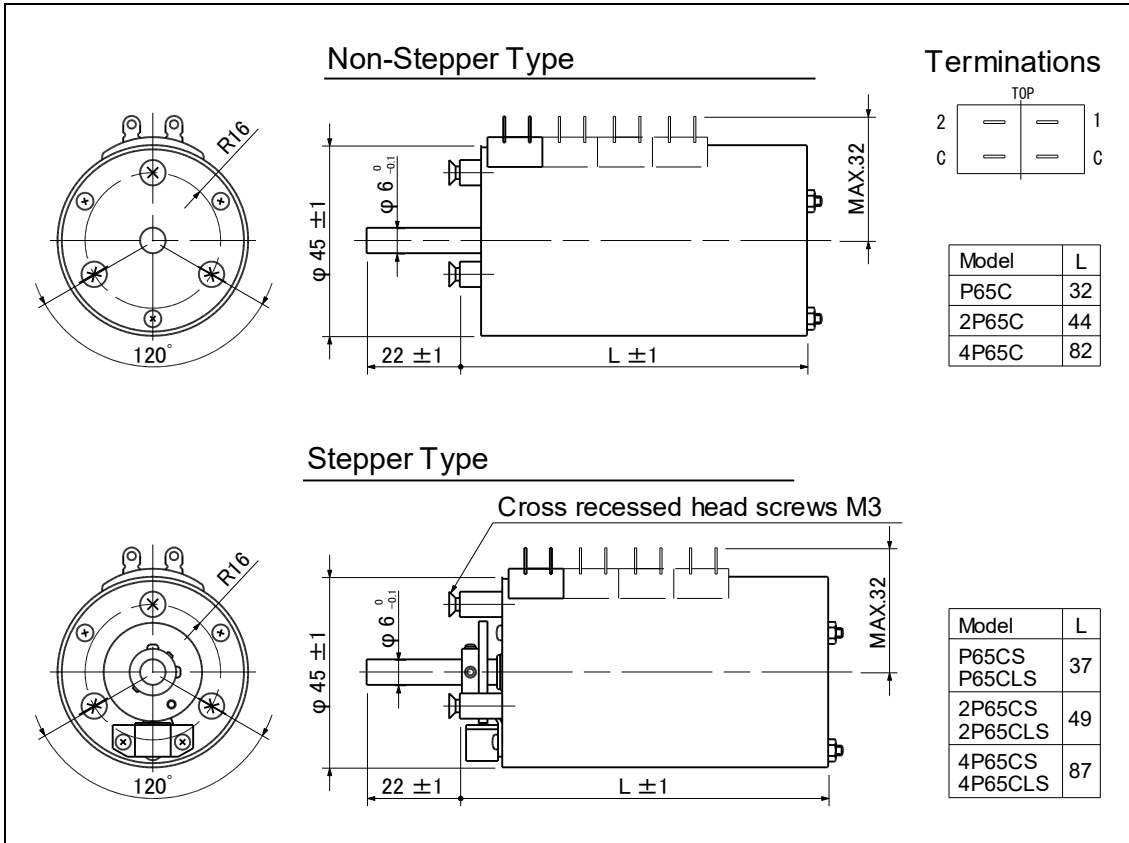
41positions (0dB - Cut off)

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-202103

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, **4**: Four circuits

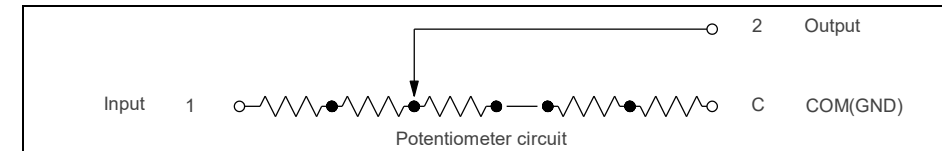
*B Circuit **P**: Potentiometer

*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	4P65CS		
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	4		
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)