

TKS24-P Series

ATTENUATOR

Au-plated contacts

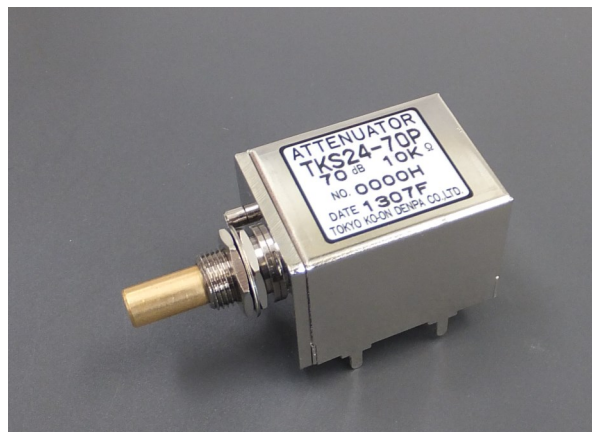
Low contact resistance

PCB terminal

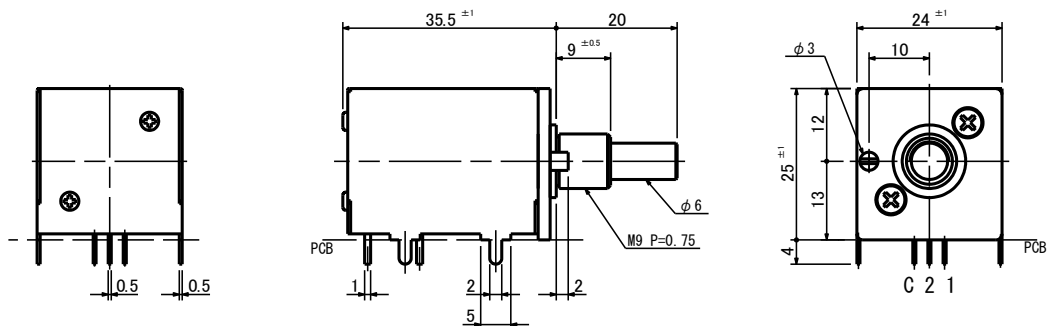
PC board implementation is possible

Multiple contact

22 positions

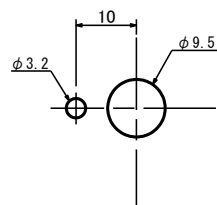
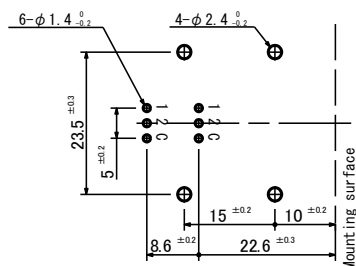


Dimensions



P.C.Board mounting hole detail
(View from mounting side)

Panel cut out dimensions



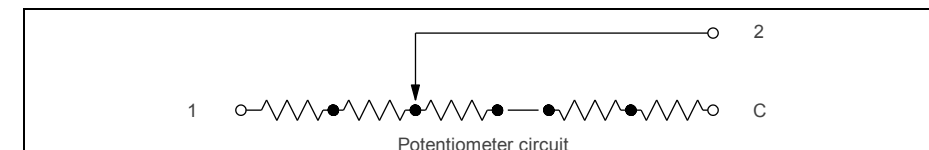
Model number

TKS24 - 50

P - 10K

Model No. Attenuation types (Please see to electrical specifications) Terminal type PCB terminal only Total resistance
50: 0 ~ 50dB
70: 20 ~ 70dB

Circuit method



Electrical specifications

TKS24-**P Series	
Circuit method	Potentiometer (step variable)
Attenuation (Load: High)	TKS24-50P : 0, 2, 4, ... (2dB step)... , 30, 32, 34, 37, 42, 50, Cut off TKS24-70P : 20, 22, 24, ... (2dB step)... , 50, 52, 54, 57, 62, 70, Cut off
Attenuation accuracy	±0.3dB
Max attenuation	50dB ±0.6dB , 70dB ±1dB
Cut off	80dB Min.
Matching accuracy	0.5dB or less (0dB - 50dB)
Number of circuit	2 circuits only
Total resistance	10kohm, 100kohm ±3%
Insertion loss	0.3dB or less
Input level	Max. 0.1W
Frequency range	DC ~ 20kHz
Voltage proof	1 Min. at AC100V
Insulation resistance	50Mohm or more at DC100V
Rotational life	30,000 Cycles Min. (18cycles/min, Attenuation accuracy: ±0.5dB or less)

Mechanical specifications

TKS24-P Series	
Operating angle	315 degrees ±2degrees
Step angle	15degrees ±1degrees
Strength of nut-attached	50Ncm
Attached parts	Hexagonal nut (M9)
Stopper strength	50N
Push-pull strength	50N

Other specifications

TKS24-P Series	
Temp. range	-10 to +70 degrees C (Operating), -15 to +75 degrees C (Storage)
Relative humidity	80%RH (No condensation)

Note

- * Solder heat resistance: 350degrees C max, 5sec max, 2 times. (Manual soldering only)
- * Special order of the shaft length is possible. Please contact us for details.
- * High impedance: Infinity. (or more than 20 times of total resistance)