

# Type-P2590S Series

# ATTENUATOR

## Custom made

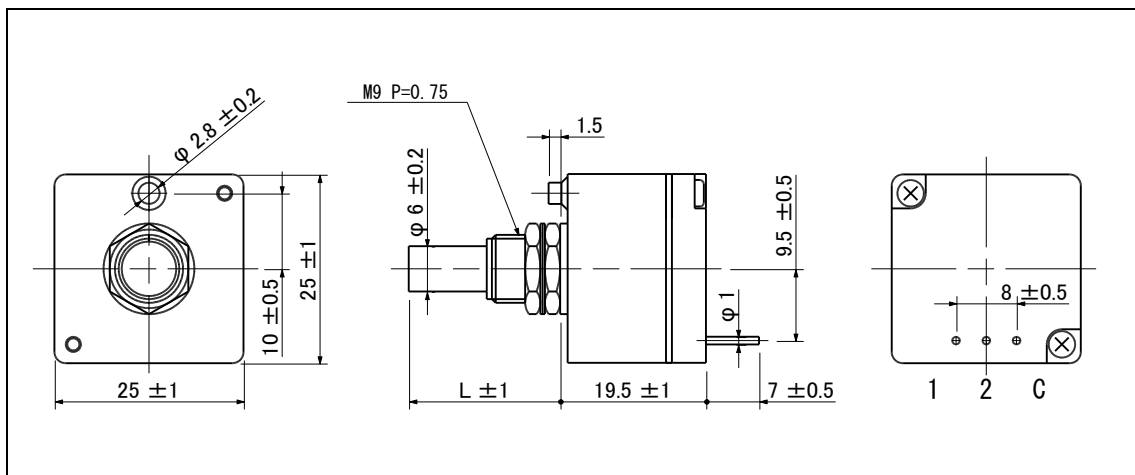
Specify the resistance value.  
Specify the number of steps.  
Specify the length of the operating shaft.

## Au-plated contacts

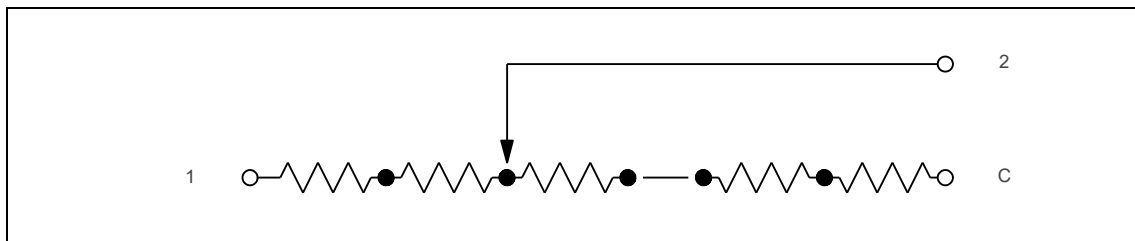
Low contact resistance



## Dimensions



## Circuit method



## Model number

**P2590S** - **100** X **10** - L **20**  
 Model No.                      \*A                      \*B                      \*C

\*A Resistance value [ohm]                      10 to 1Mohm (E24)  
 \*B Number of steps (Number of resistor)                      2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22  
 \*C Control-shaft length [mm]                      15 to 50 mm from mounting surface.

## Electrical specifications

P2590S Series		
Selectable resistance	Resistance value	10 to 1Mohm (E24)
	T.C.R.	100ppm/degs.C
	Resistance tolerance	±1%
	Rated power	0.25W
Number of circuit	Single only	
Total resistance accuracy	±3%	
Contact resistance	50mohm or less	
Input level	Max. 0.1W	
Voltage proof	1 Min. at AC500V	
Insulation resistance	100Mohm or more at DC500V	
Rotational life	30,000 Cycles Min. (18cycles/min, Contact resistance: Less than 100mohm)	

## Mechanical specifications

P2590S Series	
Operating angle	15degrees x (Total number of steps) ±2degrees
Step angle	15degrees ±1degrees
Strength of nut-attached	50Ncm
Attached parts	Hexagonal nut (M9)
Stopper strength	50N
Push-pull strength	50N

## Other specifications

P2590S Series	
Temp. range	-10 to +70 degrees C (Operating), -15 to +75 degrees C (Storage)
Relative humidity	90%RH (No condensation)

## Note

\* Solder heat resistance: 350degrees C max, 5sec max, 2 times. (Manual soldering only)  
 \* **Initial mounting costs will be charged for products designated for mounting.**  
 \* **Purchase lots will be from 100 and up.**