



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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# Panel Potentiometer

## Model P090 Series



### Features:

- 9 mm rotary
- Insulated shaft
- Conductive plastic element
- 100,000 cycle life
- Snap-in clip
- 



### Model Styles Available

Side Adjust	P090L
Top Adjust	P090S

### Electrical

Resistance Range, Ohms	500 – 1M
Standard Resistance Tolerance	± 20%
Residual Resistance	20 ohms max.
Input Voltage, maximum	50 Vac max.
Power rating, Watts	0.03W
Dielectric Strength	250Vac, 1 minute
Insulation Resistance, Minimum	100M ohms at 250Vdc
Sliding Noise	100mV max.
Actual Electrical Travel, Nominal	240°

### Mechanical

Total Mechanical Travel	280°± 10°
Static Stop Strength	40 oz-in
Rotational Torque	0.5 to 1.25 oz-in

### Environmental

Operating Temperature Range	-20°C to +70°C
Rotational Life	100,000 cycles

#### General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

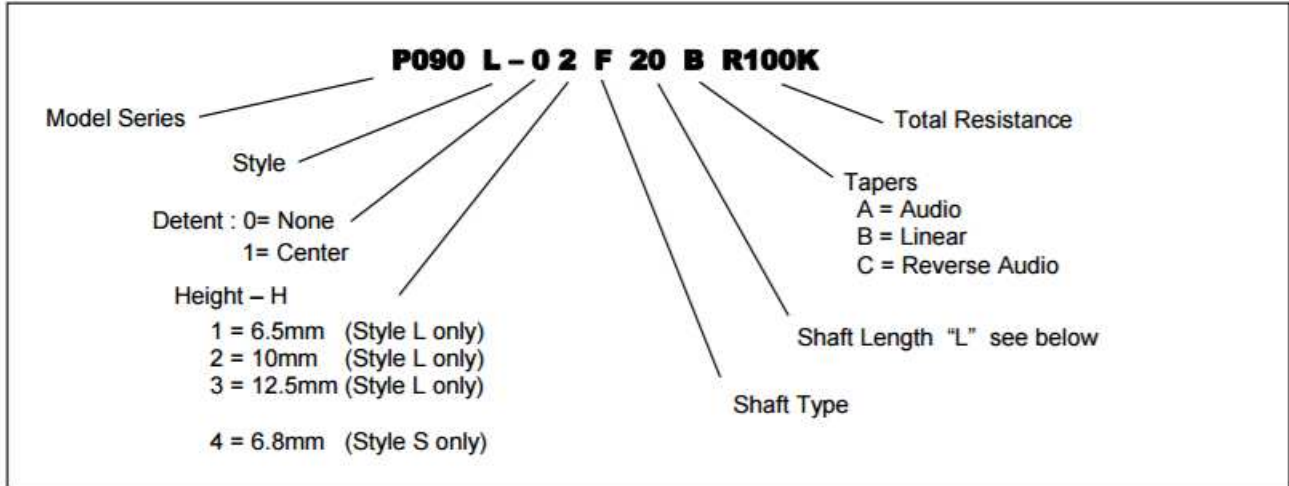
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# Panel Potentiometer

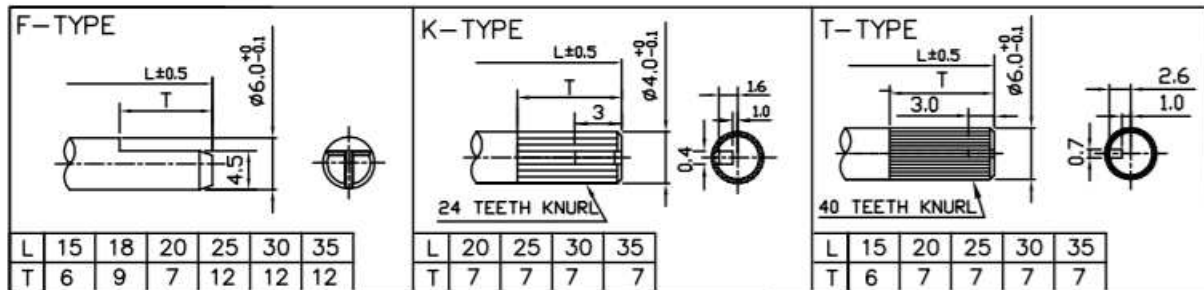
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### Ordering



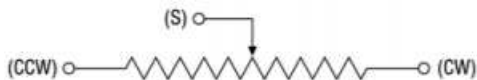
### Shaft Type



### STANDARD RESISTANCE VALUES, OHMS

500    1K    2K    5K    10K    20K    50K    100K    200K    500K    1MEG

### CIRCUIT DIAGRAM



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