# **Panel Potentiometer**

# Model P090 Series

## Features:

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

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# **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, I minute
Insulation Resistance, Minimum	100M ohms at 250Vdc
Sliding Noise	100mV max.
Actual Electrical Travel, Nominal	240°

## Mechanical

Total Mechanical Travel	280°C ± 10°
Static Stop Strength	40 oz-in
Rotational torque	0.13 to 1.25 oz-in
Detent torque	.41 to 1.6 oz-in

## **Environmental**

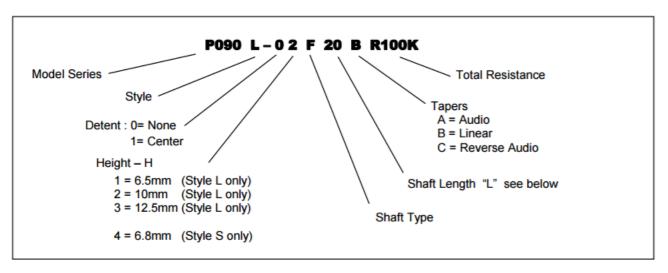
Operating Temperature Range	-20°C to +70°C
Rotational Life	100,000 cycles

# **Panel Potentiometer**

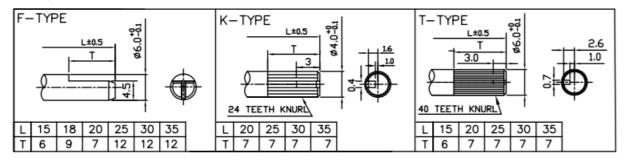
# Model P090 Series



# **Ordering**

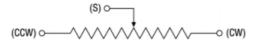


## **Shaft Type**





## **CIRCUIT DIAGRAM**

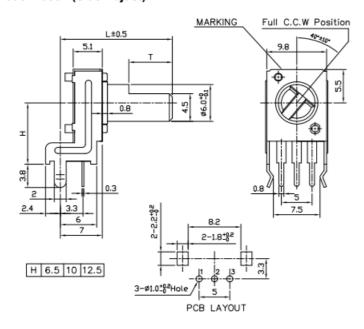


# **Panel Potentiometer**

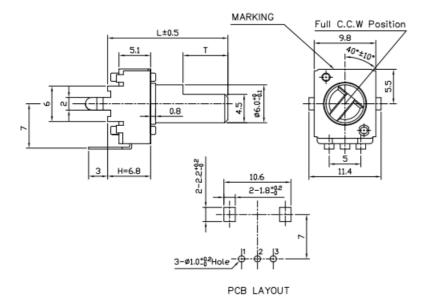
# Model P090 Series



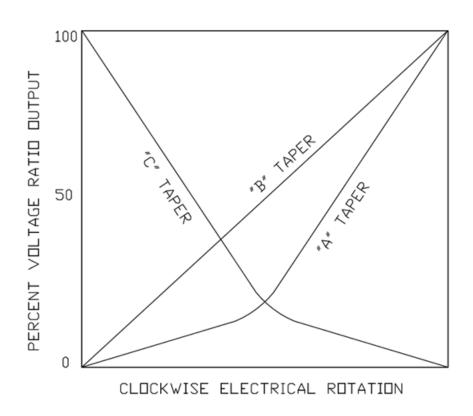
#### Model P090L (Side Adjust)



## Model P090S (Top Adjust)







# **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## TT Electronics:

P090L-11T20BR100K
P090S-04F15AR100K
P090S-04F20BR1K
P090L-02F35B50K
P090S-04T25BR10K
P090L-02F35BR10K
P090S-04F25BR10K
P090S-04F25BR10K
P090S-04F25BR10K
P090S-04F25BR10K
P090S-04F30BR10K
P090S-04F15BR100K
P090S-04F15BR100K
P090S-04F15BR100K
P090S-04F15BR100K
P090S-04F15BR100K
P090S-04F15BR10K
P090S-04F15BR10K
P090S-04F30BR10K
P090S-04F30BR20K
P090S-04F30BR20K
P090S-04F30BR20K
P090L-02F25BR10K
P090S-04F20BR10K
P090S-04F20BR10K
P090S-04F20BR10K
P090S-04F20BR10K
P090L-02T30BR10K
P090S-04F20BR10K
P090S-04F20B