

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°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

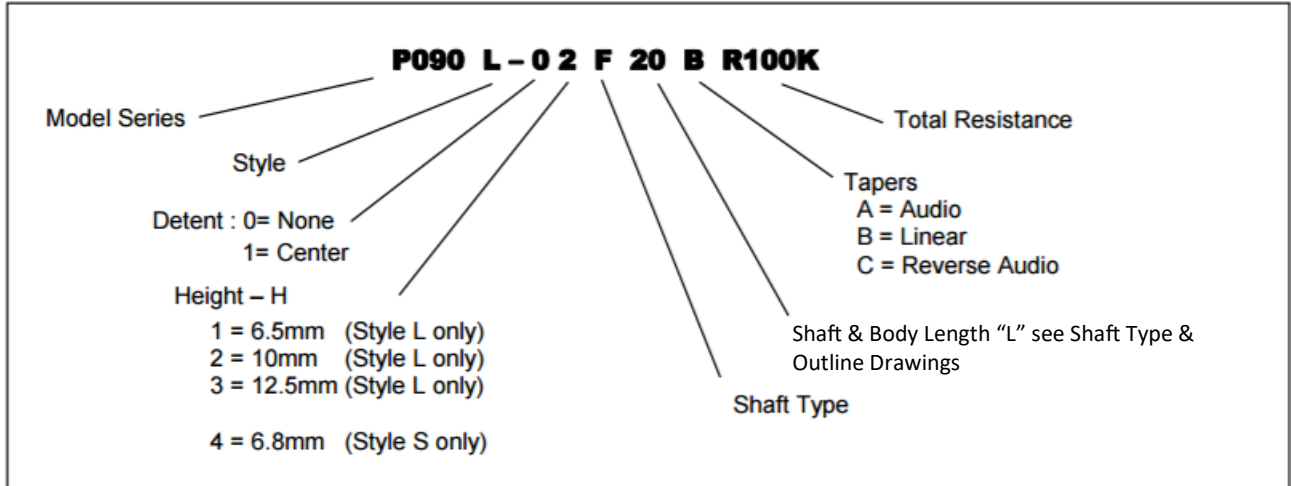
Operating Temperature Range	-20°C to +70°C
Rotational Life	100,000 cycles

General Note

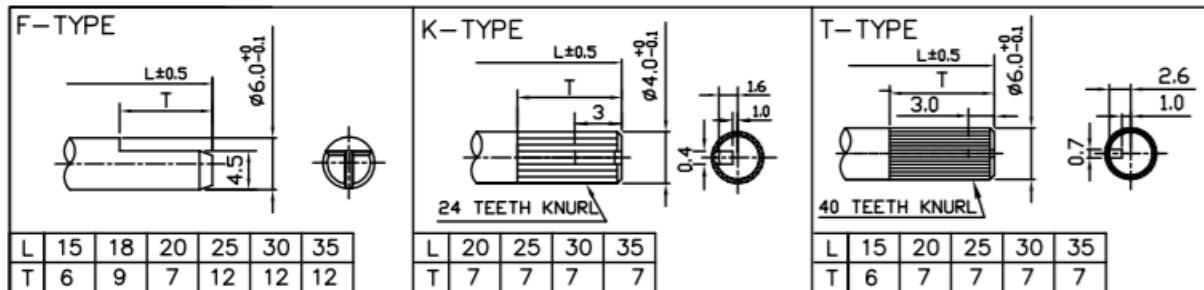
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Ordering



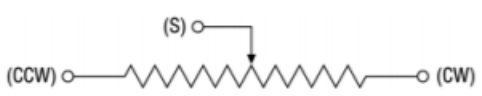
Shaft Type



STANDARD RESISTANCE VALUES, OHMS

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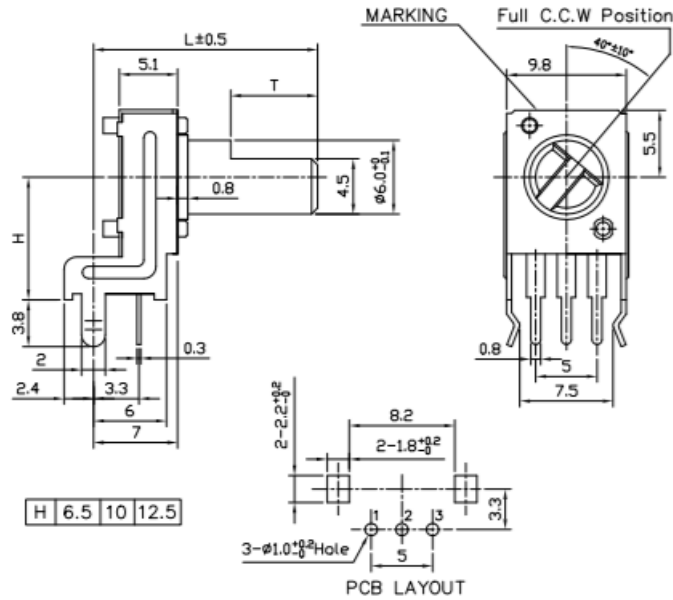
CIRCUIT DIAGRAM



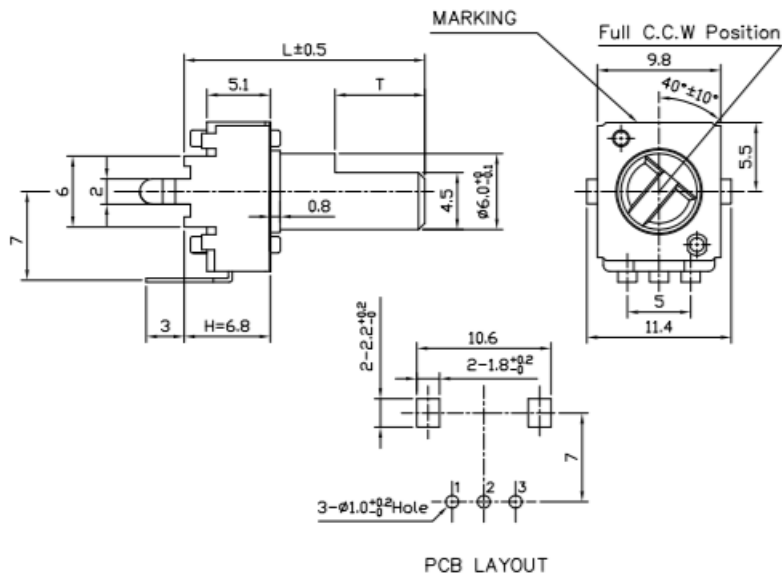
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Outline Drawing

Model P090L (Side Adjust)



Model P090S (Top Adjust)

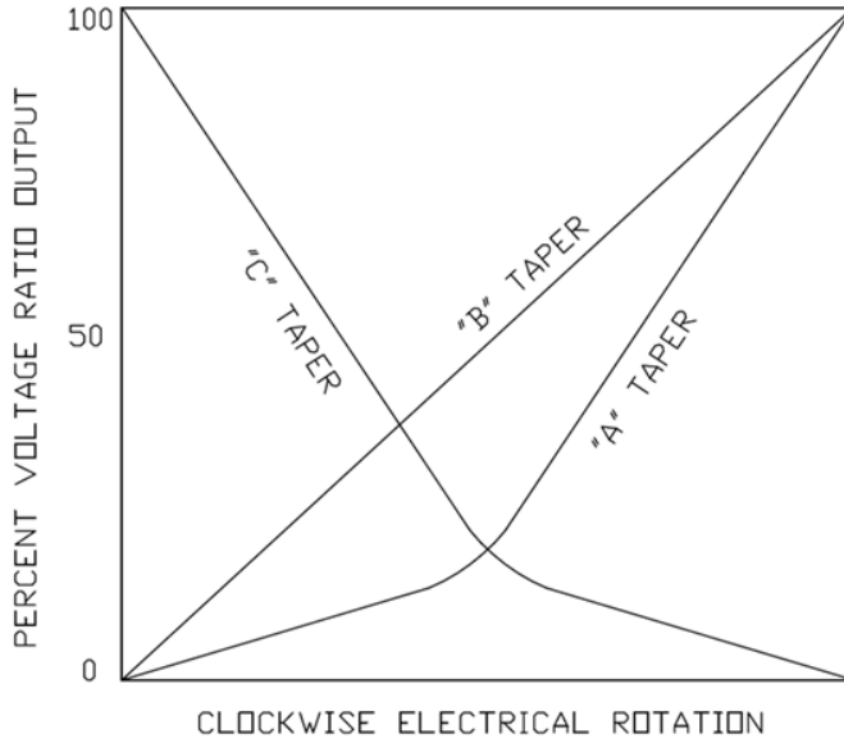


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Mouser Electronics

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