



**THE DATASHEET OF
P090L-02F20BR10K**



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

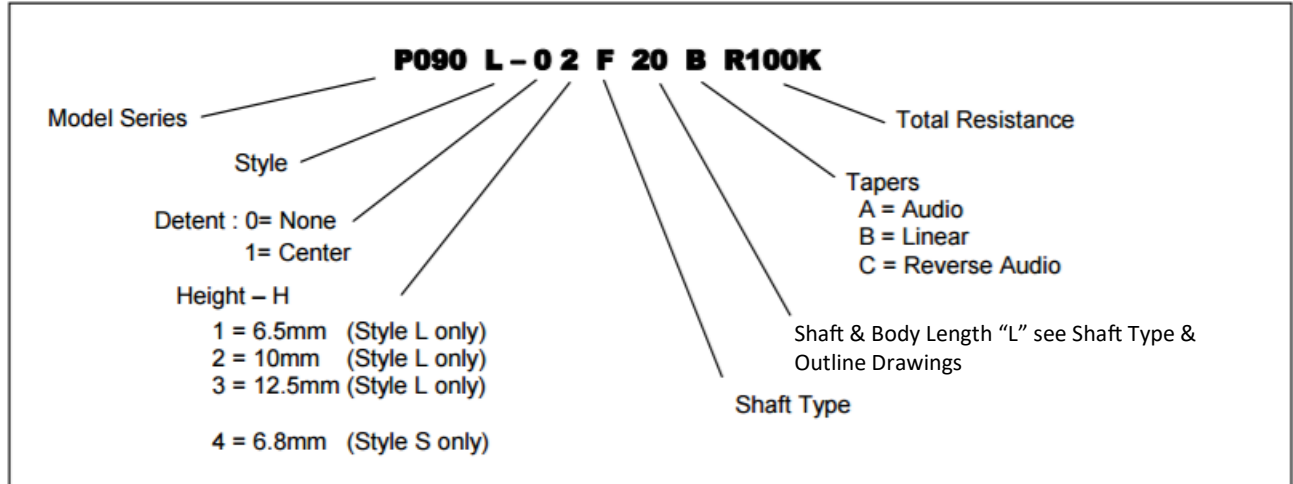
Operating Temperature Range	-20°C to +70°C
Rotational Life	100,000 cycles

General Note

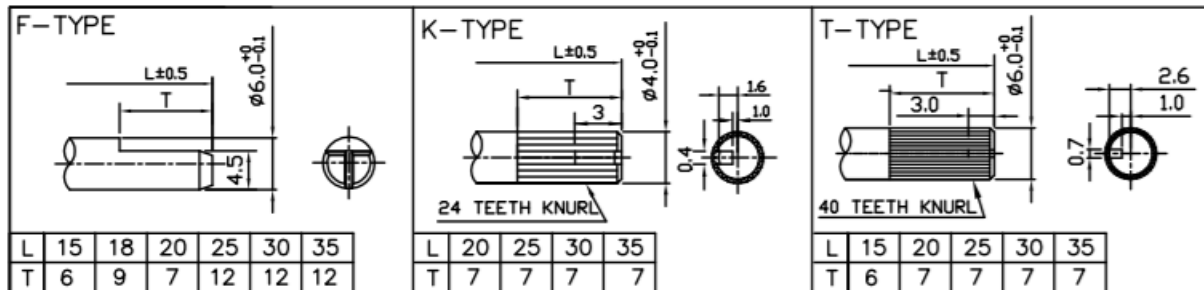
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TT Electronics | BI Technologies
Circulo de la Amistad #102 PIMSA IV Mexicali B.C. Mexico C.P 21210
Ph: +1 714 447 2345
www.ttelectronics.com/bi-technologies

Ordering



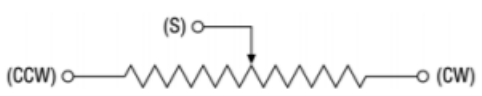
Shaft Type



STANDARD RESISTANCE VALUES, OHMS

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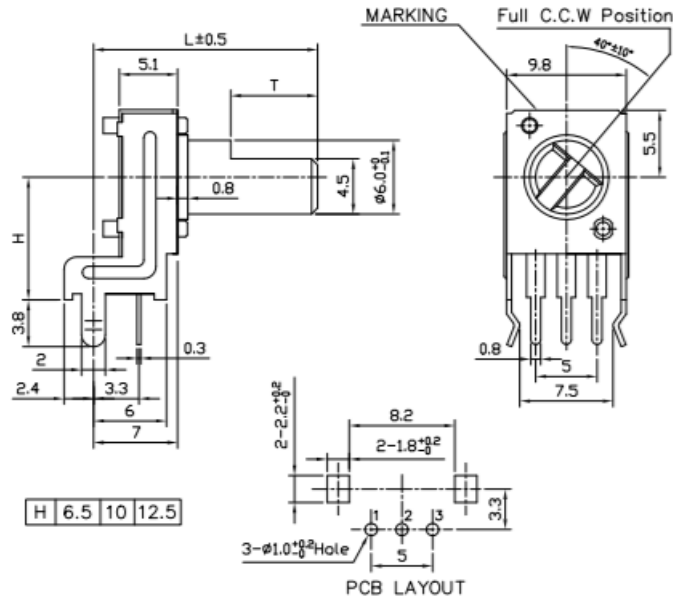
CIRCUIT DIAGRAM



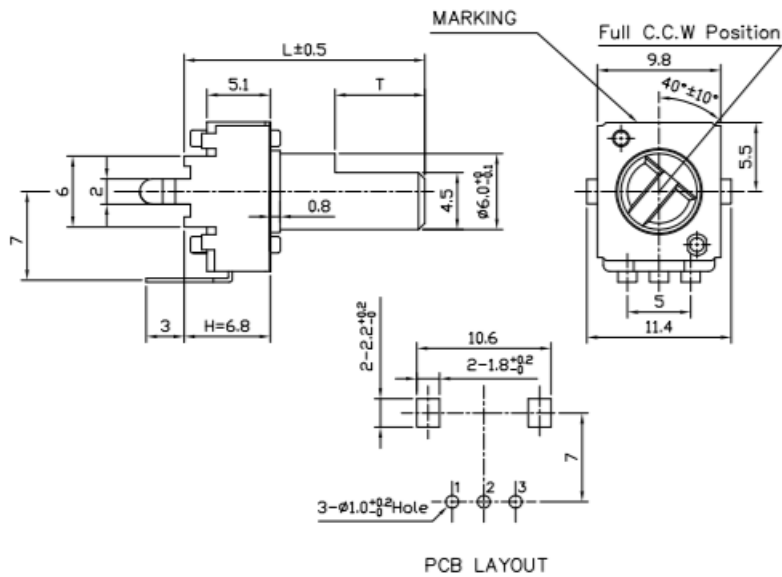
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Outline Drawing

Model P090L (Side Adjust)

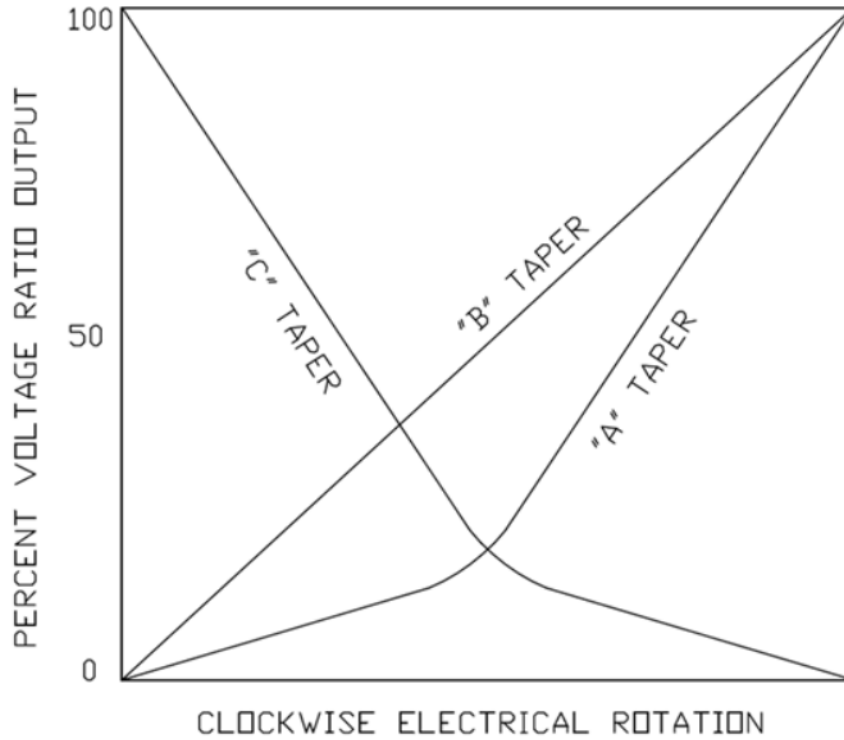


Model P090S (Top Adjust)



Panel Potentiometer

Model P090 Series



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