

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

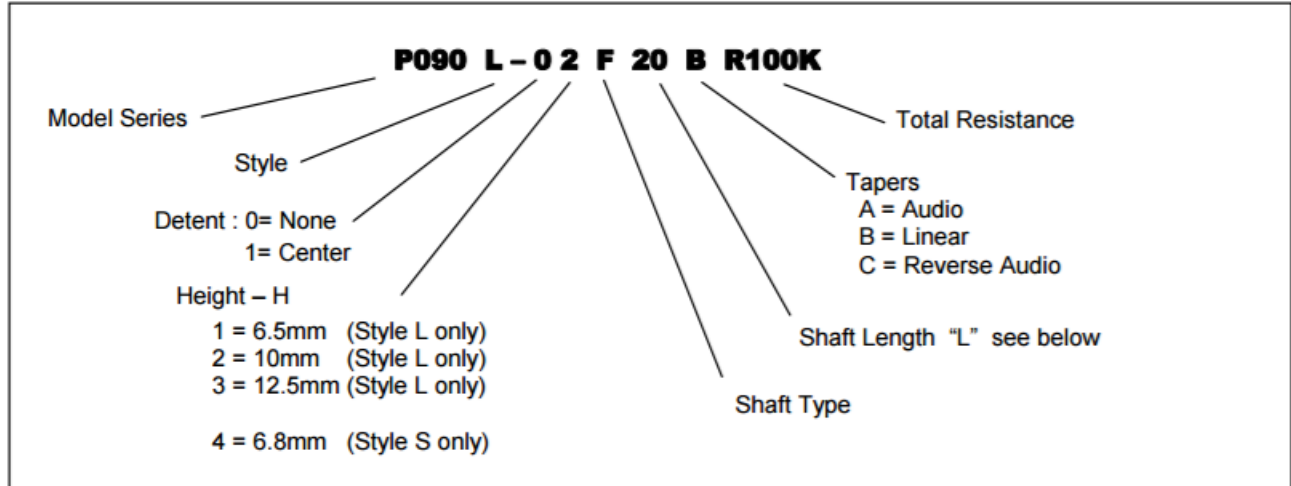
Environmental

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

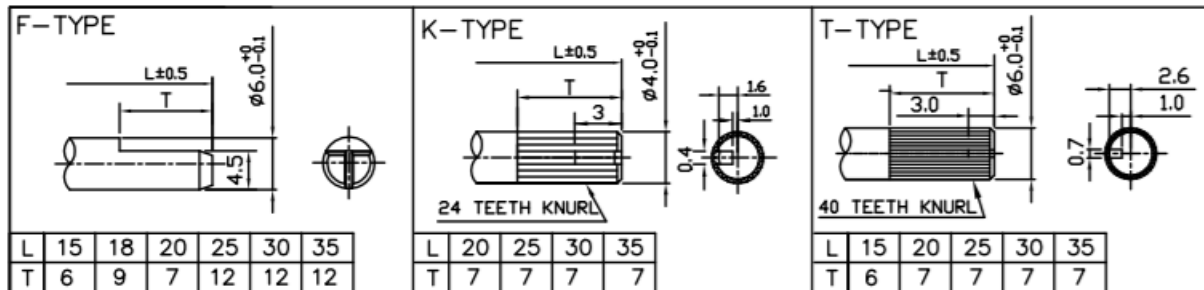
General Note

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.

Ordering



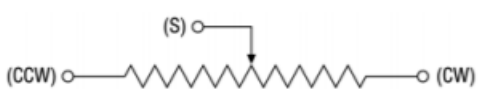
Shaft Type



STANDARD RESISTANCE VALUES, OHMS

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

CIRCUIT DIAGRAM



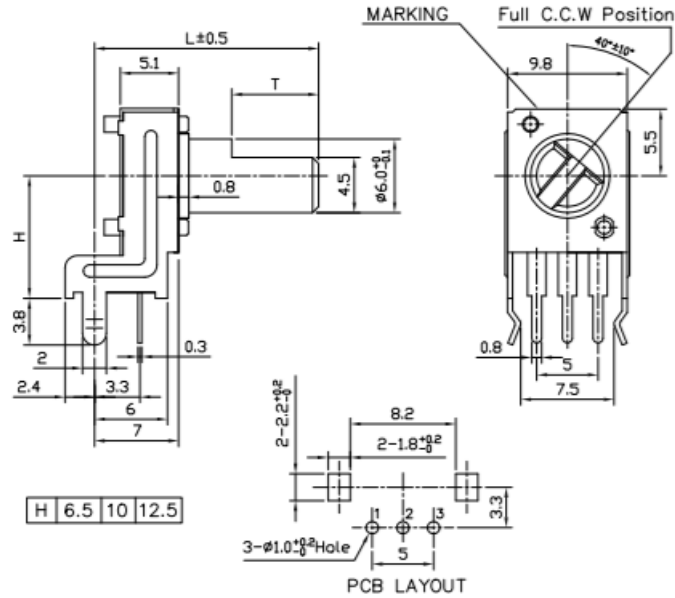
General Note
 TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

Panel Potentiometer

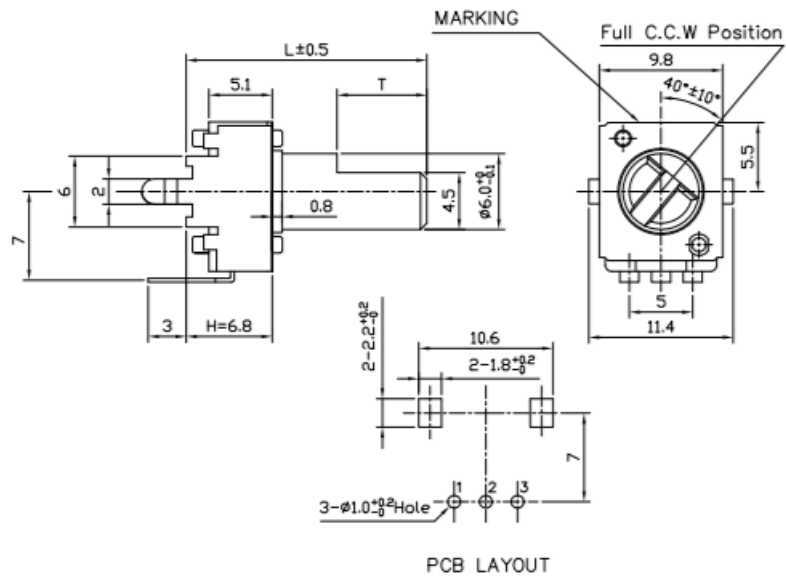
Model P090 Series



Model P090L (Side Adjust)



Model P090S (Top Adjust)



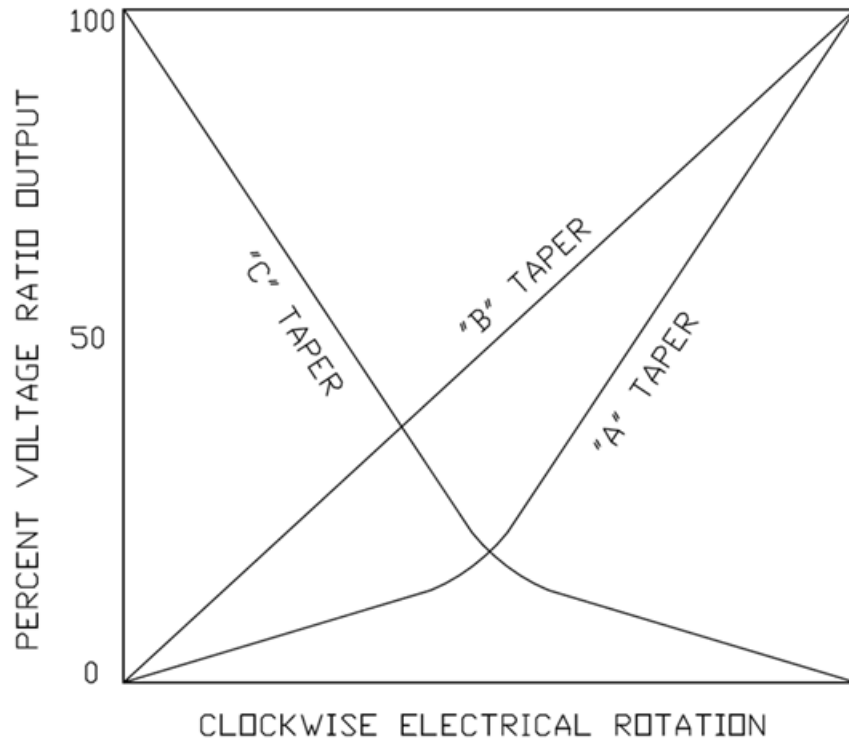
General Note
TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

© TT electronics plc

TT Electronics | BI Technologies
413 Rood RD, Suite 7
Calexico, CA 92231
Ph: +1 714 447 2345
www.ttelectronics.com/bi-technologies

Panel Potentiometer

Model P090 Series



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.

© TT electronics plc

TT Electronics | BI Technologies
413 Rood RD, Suite 7
Calexico, CA 92231
Ph: +1 714 447 2345
www.ttelectronics.com/bi-technologies

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Potentiometers](#) category:

Click to view products by [TT Electronics](#) manufacturer:

Other Similar products are found below :

[58C2-2](#) [590SX1N32F103SS](#) [591SXJ48S252SC](#) [591SXP56S252SC](#) [591SXP56S503SC](#) [D31409](#) [70B1G048K502X-A](#) [70B1M032S502W](#)
[70B1N056S202W](#) [70B8N056F502W](#) [70J8N048S104U](#) [70L1N040P103W](#) [70L1N048P103X](#) [70L1N048S103W](#) [GA2L040S102UC](#)
[GA2L040S103UC](#) [GS1G044P103UA](#) [GS1N048P103UA](#) [GS1T032S103UA](#) [A43-1500](#) [A43-20K](#) [A47-200K](#) [A4720K](#) [RA20LASD251A](#)
[132-2-0-202](#) [132-0-0-202](#) [RK14K1220-F25-C0-A103](#) [RK14K1220F25C0C104](#) [RK14K1220-F25-C1-B103](#) [14910FAGJSX10102KA](#)
[14910FBGLFY00103KA](#) [14910AABHSX10103KA](#) [14910FAGJSX10104KA](#) [152-01031](#) [C0342008 5K](#) [P270-109A](#) [J97589](#) [23M728](#)
[248BBHS0XB25104MA](#) [RV170F-10-15R1-B500K-0021](#) [RV8NAYSB104A](#) [917523A](#) [A43-40](#) [A43-750](#) [A43S-5](#) [A47-15K](#) [A4750K](#)
[SPPG048S103U](#) [SPPG056P103U](#) [SWE-10](#)