

Panel Potentiometer

Features:

- 12 mm
- Conductive plastic element
- Single/dual gang
- 100,000 cycle life
- Insulated shaft



All parts are Pb-free and comply with EU Directive 2011/65/EU amended by (EU)2015/863

Model Styles Available

P120K	Side Adjust, PCB pins, Single gang
P120PK	Top Adjust, PCB pins, Single gang
P120KGP	Top Adjust, PCB pins, Dual gang
P120KGE	Side Adjust, PCB pins, Dual gang

Electrical

Resistance range	1K to 1M Ω
Standard resistance tolerance	$\pm 20\%$
Residual Resistance	20 Ω max.
Input voltage	50 VAC max.
Power rating	0.05 Watt
Dielectric strength	300 VAC, 1 minute
Insulation resistance	100 M Ω at 250VDC, minimum
Sliding Noise	100mV max.
Gang Error (Dual gang)	± 3 dB, over -40dB – 0dB range
Actual electrical travel	260° nominal

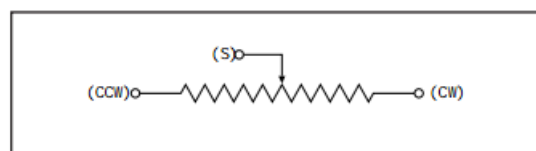
Mechanical

Total Mechanical Travel	300° $\pm 10^\circ$
Number of gangs	2
Static stop strength	50 oz.-in.
Rotational torque	0.5 to 1.25 oz.-in.

Environmental

Operating temperature range	-40°C to +85°C
Rotational Life	100,000 cycles

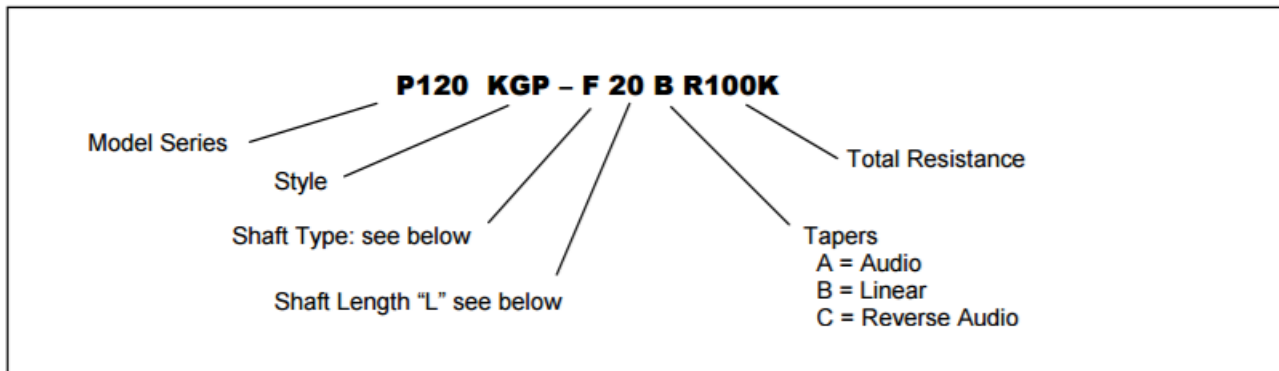
Circuit Diagram



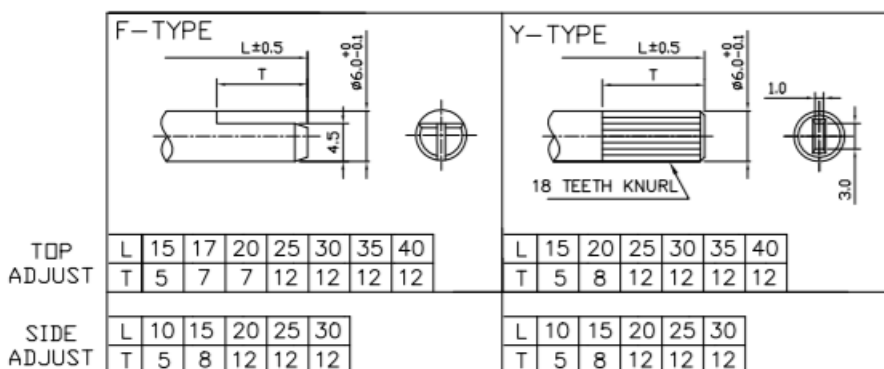
General Note

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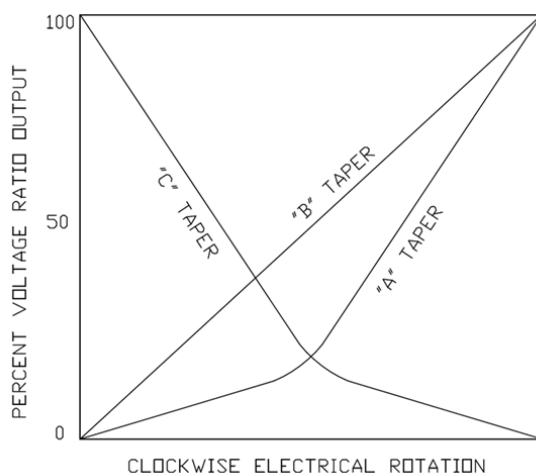
Ordering Information



Shaft Types



Tapers

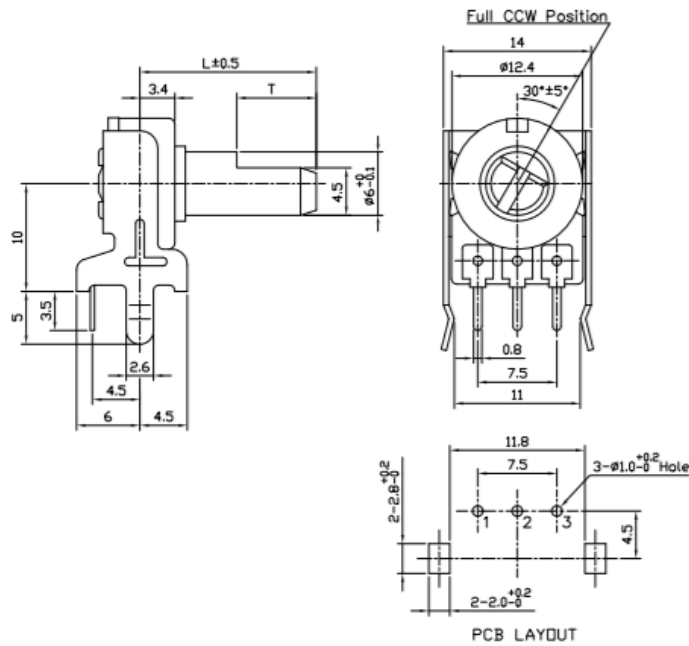


Standard Resistance Values, Ohms

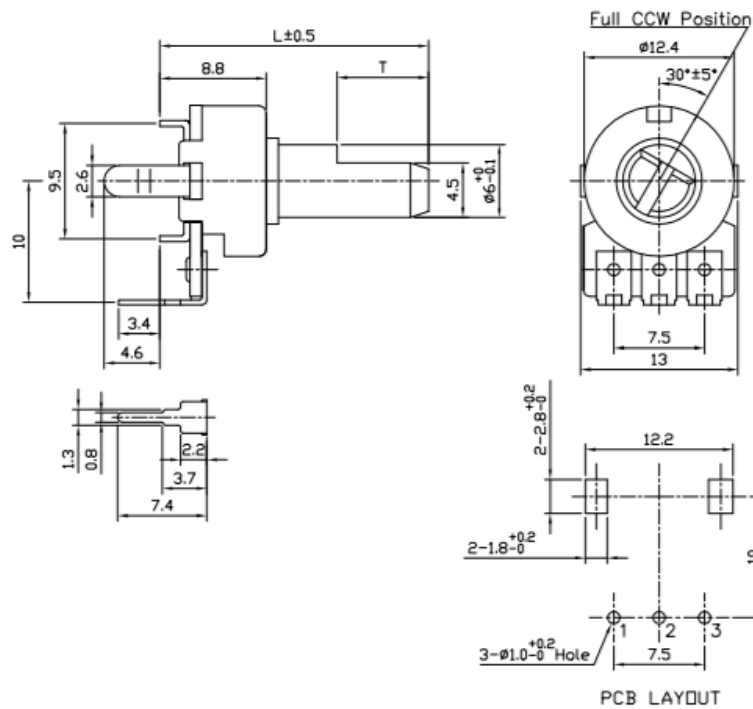
1K	2K	5K	10K	20K	50K	100K	200K	500K	1M
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Outline Drawing

Model P120K (Side Adjust, PCB pins, Single unit)



Model P120PK (Top Adjust, PCB pins, Single unit)

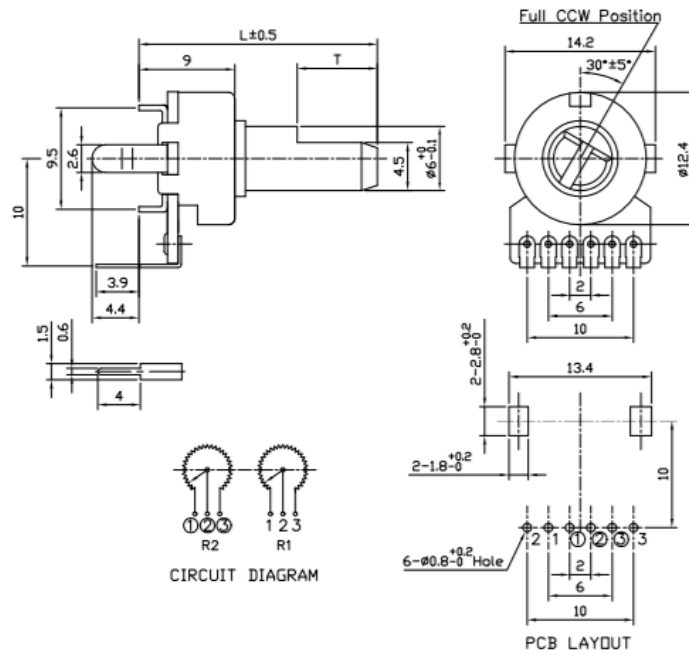


General Note

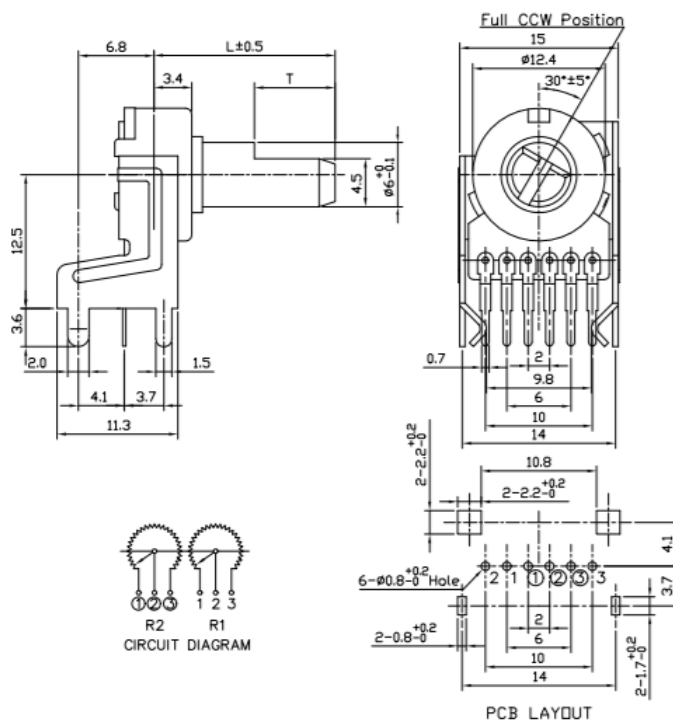
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Outline Drawing

Model P120KGP (Top Adjust, PCB pins, Dual unit)



Model P120KGE (Side Adjust, PCB pins, Dual unit)



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