



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Panel Potentiometer

Model P110 Series



Features:

- 11 mm rotary
- Insulated shaft
- Conductive plastic element
- With/without bushing



Model Styles Available

Side Adjust , PCB pins	P110KV
Side Adjust , PCB pins, with Bushing	P110KV1
Top Adjust, PCB pins	P110KH
Top Adjust, PCB pins, with Bushing	P110KH1

Electrical

Resistance Range, Ohms	500-1M
Standard Resistance Tolerance	± 20%
Residual Resistance	20 ohms max.
Input Voltage, maximum	50 Vac max.
Power rating, Watts	0.05
Dielectric Strength	500Vac, 1 minute
Insulation Resistance, Minimum	100M ohms at 500Vdc
Sliding Noise	100mV max.
Actual Electrical Travel, Nominal	260°

Mechanical

Total Mechanical Travel	300°± 10°
Static Stop Strength	40 oz-in
Rotational Torque	0.5 to 1.25 oz-in

Environmental

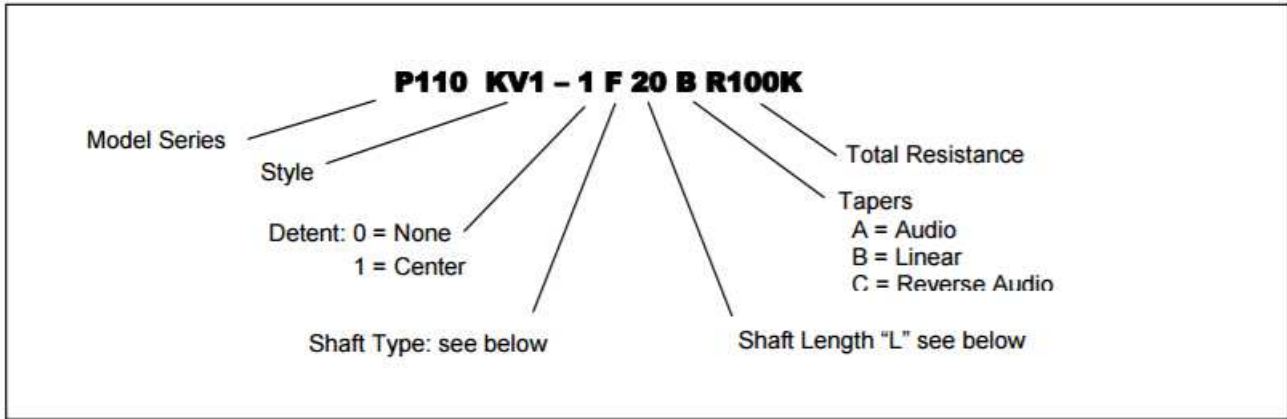
Operating Temperature Range	-20°C to +70°C
Rotational Life	30,000 cycles

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.

TT Electronics | BI Technologies
4200 Bonita Place, Fullerton, CA USA 92835 | Ph: +1 714 447 2345
www.ttelectronics.com | sensors@ttelectronics.com

Ordering



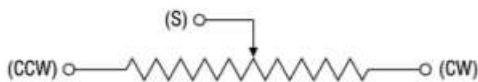
Shaft Types

	F-TYPE						Y-TYPE					
WITH BUSHING	L	15	20	25			L	15	20	25		
	T	7	12	12			T	7	12	12		
WITHOUT BUSHING	L	15	18	20	25	30	L	15	20			
	T	4.5	7	7	12	12	T	5	7			

STANDARD RESISTANCE VALUES, OHMS

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



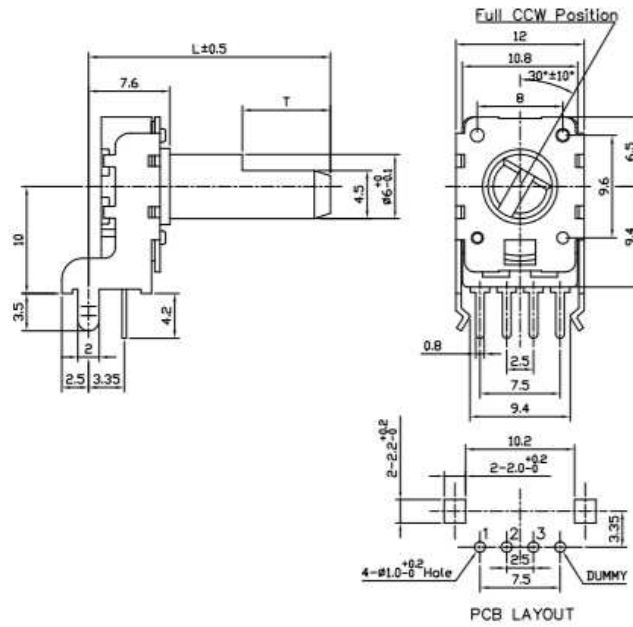
Panel Potentiometer

Model P110 Series

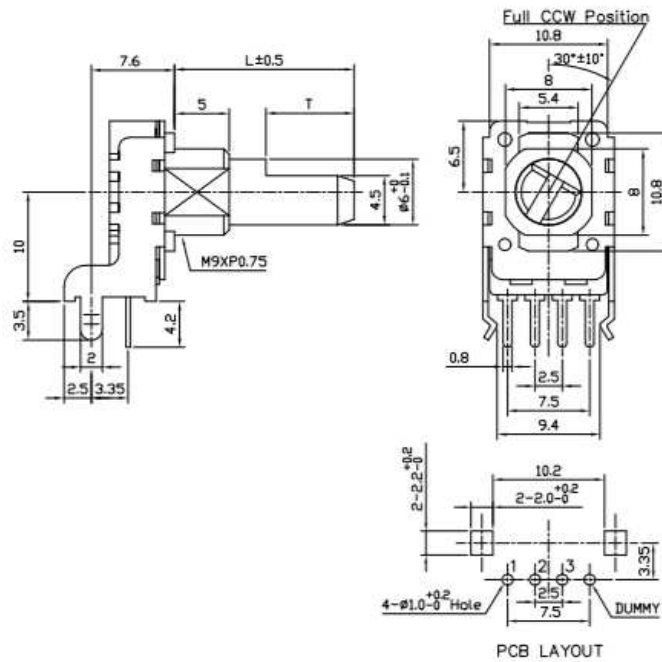


Outline Drawings

Model P110KV (Side Adjust, PCB pins)



Model P110KV1 (Side Adjust, PCB pins, with Bushing)



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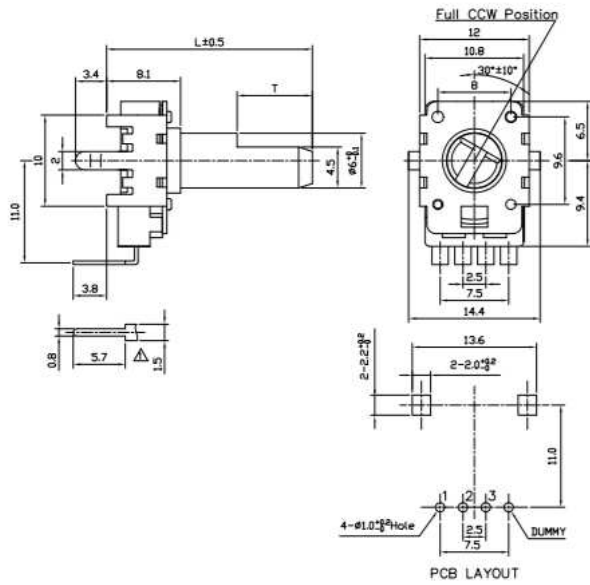
Panel Potentiometer

Model P110 Series

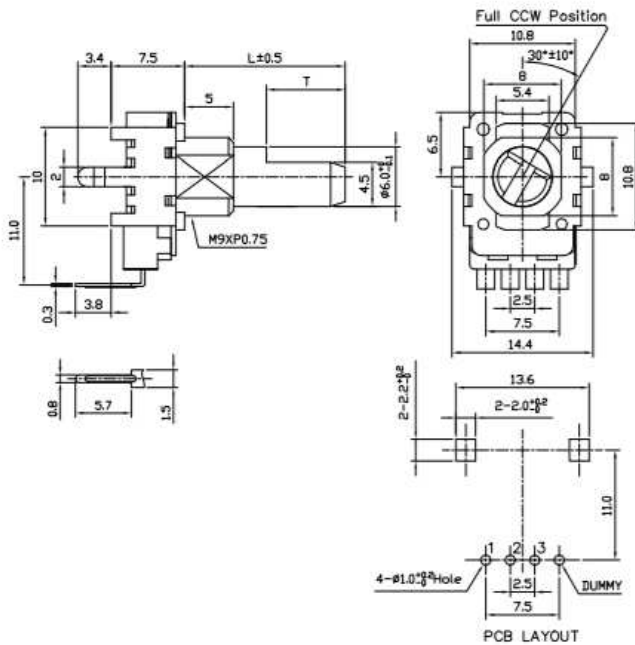


Outline Drawings

Model P110KH (Top Adjust, PCB pins)



Model P110KH1 (Top Adjust, PCB pins, with Bushing)



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