

MODEL P140
14mm Rotary Potentiometer
Dual Unit
Conductive Plastic Element
With / Without Bushing
Insulated Shaft
RoHS Compliant



For more information about this product, visit our website at:
www.potentiometers.com



Model Styles

Side Adjust, without Bushing	P140KV
Side Adjust, with Bushing	P140KV1
Top Adjust, without Bushing	P140KH
Top Adjust, with Bushing	P140KH1

Electrical Specifications

Resistance Range, Ohms	500-1M
Standard Resistance Tolerance	$\pm 20\%$
Residual Resistance	20 ohms max.
Input Voltage, maximum	50 Vac max.
Power rating, Watts	0.05w
Dielectric Strength	500Vac, 1 minute
Insulation Resistance, Minimum	100M ohms at 250Vdc
Sliding Noise	100mV max.
Gang Error (Multi-ganged)	-40dB – 0dB, ± 3 dB
Actual Electrical Travel, Nominal	260°

Mechanical Specifications

Total Mechanical Travel	300° $\pm$ 10°
Static Stop Strength	70 oz-in
Rotational Torque, Maximum	2.5 oz-in

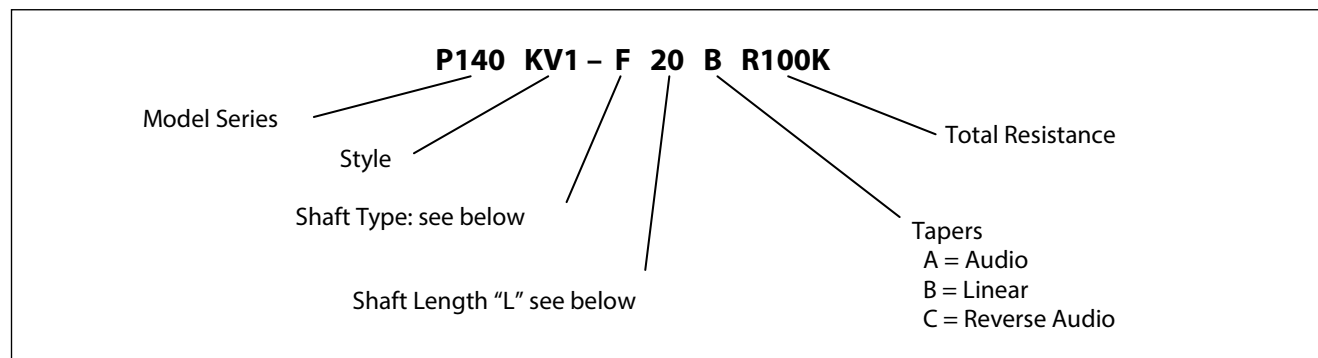
Environmental Specifications

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

Specifications subject to change without notice.

MODEL P140

Ordering Information



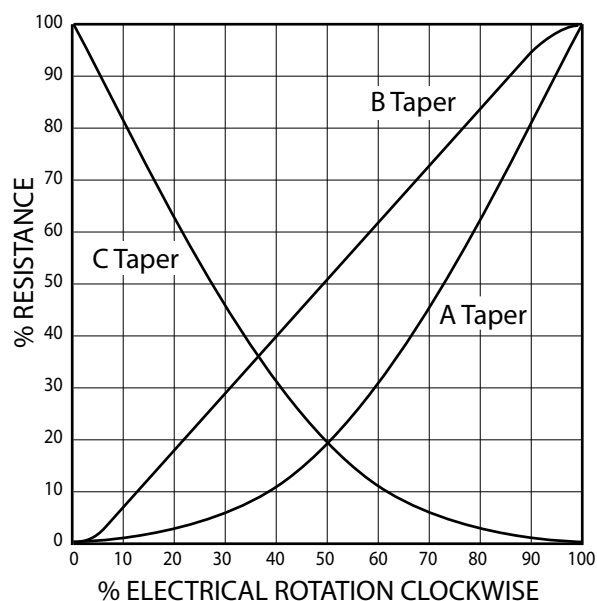
Shaft Types

	F-TYPE						Y-TYPE		
WITH BUSHING	L	15	20	25	30		L	15	20
	T	7	12	12	12		T	7	12
WITHOUT BUSHING	L	15	20	25	30	35	L	15	20
	T	4.5	7	12	12	12	T	5	7

Standard Resistance Values, Ohms

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

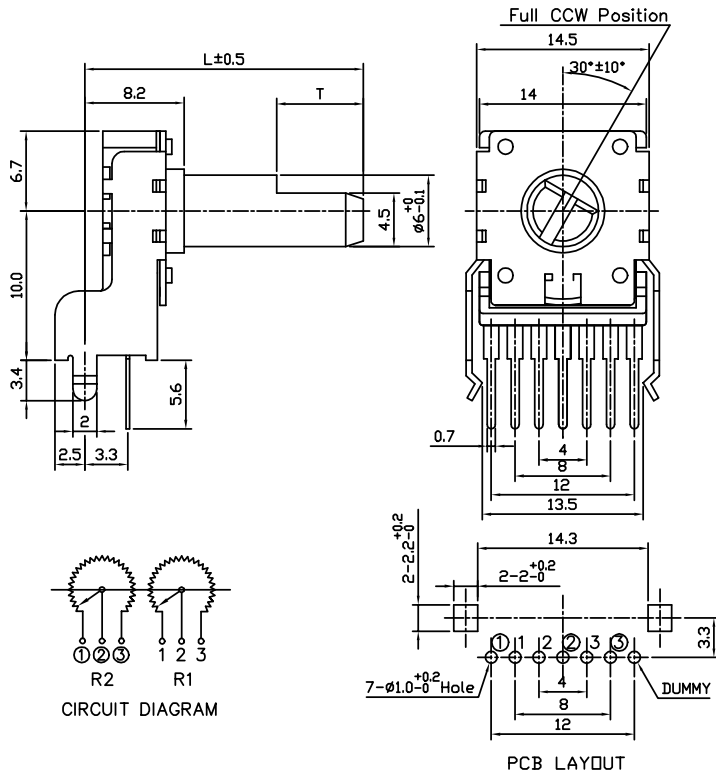
Taper Curves



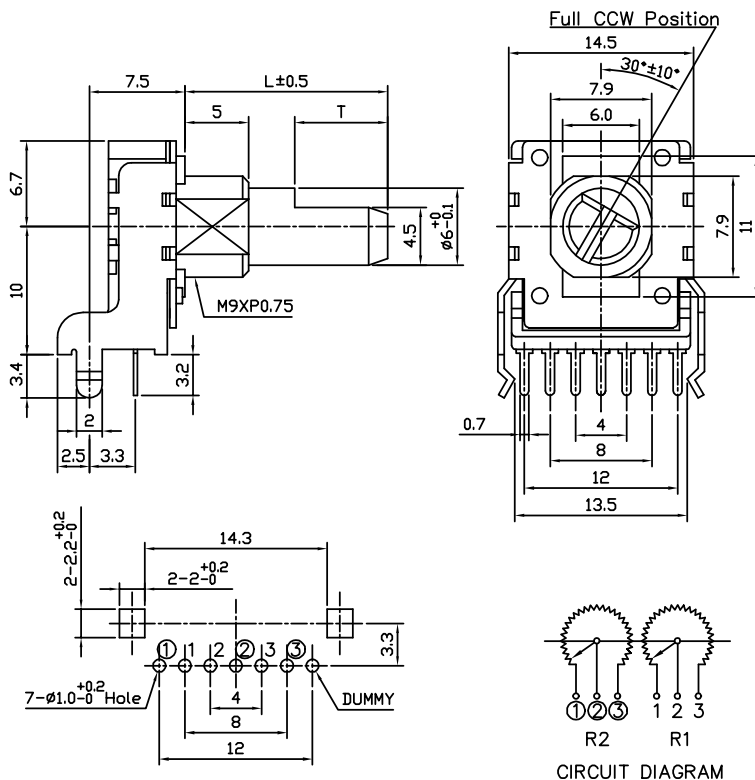
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Outline Drawing

Model P140KV (Side Adjust, without Bushing)

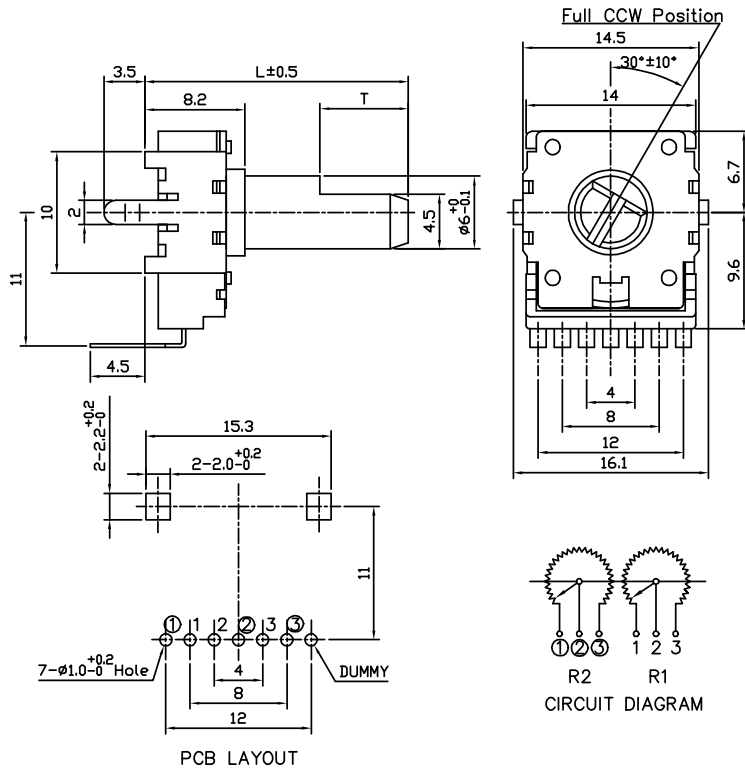


Model P140KV1 (Side Adjust, with Bushing)

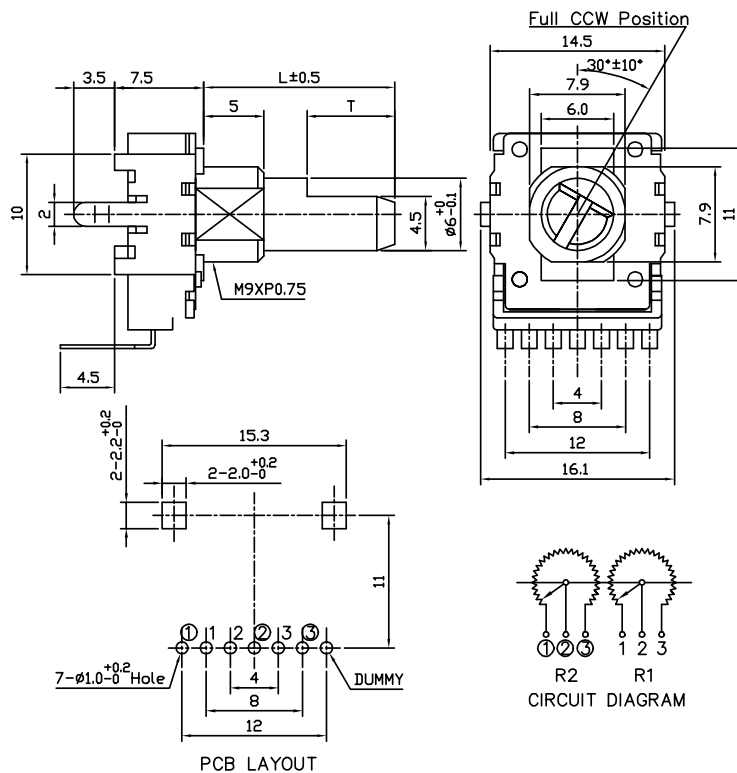


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Model P140KH (Top Adjust, without Bushing)



Model P140KH1 (Top Adjust, with Bushing)



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