

Model P140

14mm Rotary Potentiometer

Dual Unit

Conductive Plastic Element

With / Without Bushing

Insulated Shaft

RoHS Compliant



MODEL STYLES

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

ELECTRICAL¹

Resistance Range, Ohms	500-2M (for "B" taper) 1K-2M (for other tapers)
Standard Resistance Tolerance	± 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, ±3dB
Actual Electrical Travel, Nominal	260°

MECHANICAL

Total Mechanical Travel	300°± 10°
Static Stop Strength	70 oz-in
Rotational Torque	0.5 to 1.25 oz-in

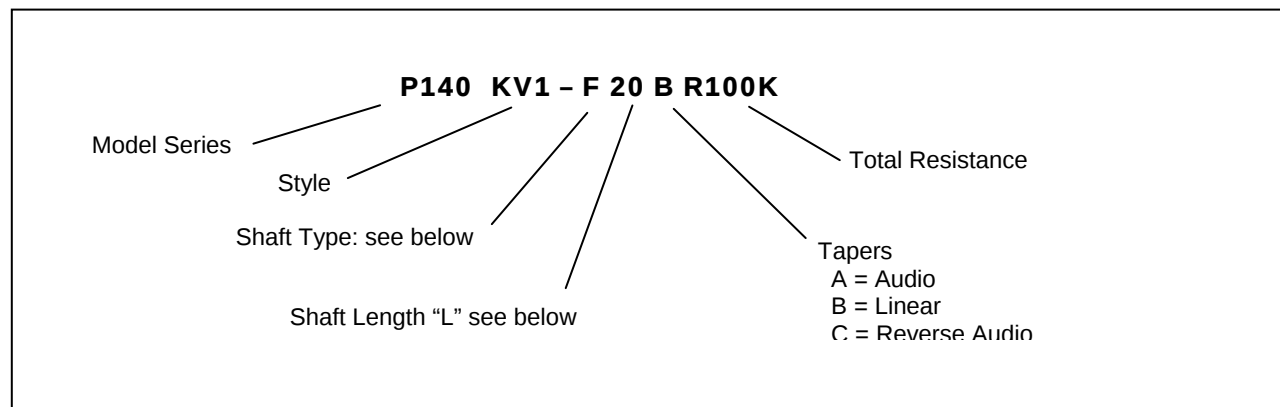
ENVIRONMENTAL

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

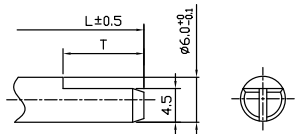
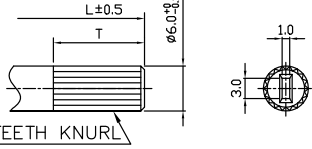
¹ Specifications subject to change without notice.

Model P140

ORDERING INFORMATION²



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

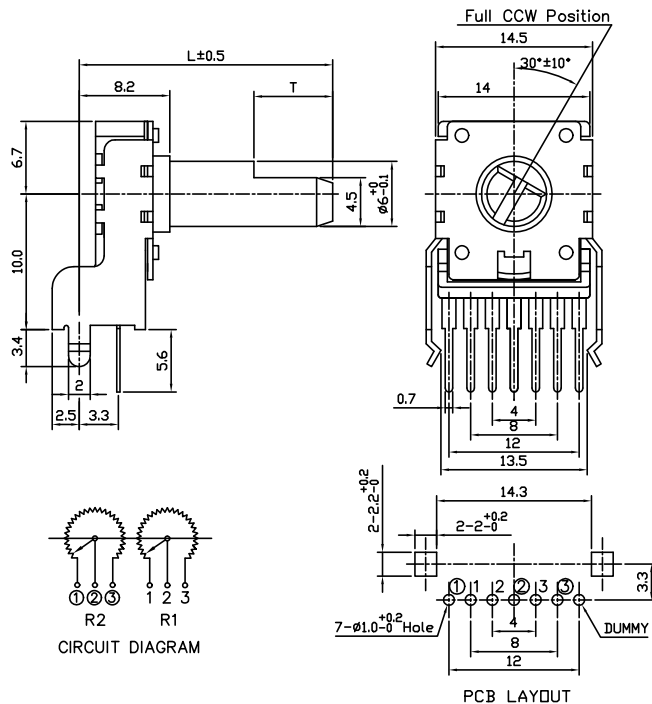
500 1K 2K 5K 10K 20K 50K 100K 200K 500K 1MEG

² Contact our customer service for custom designs and features.

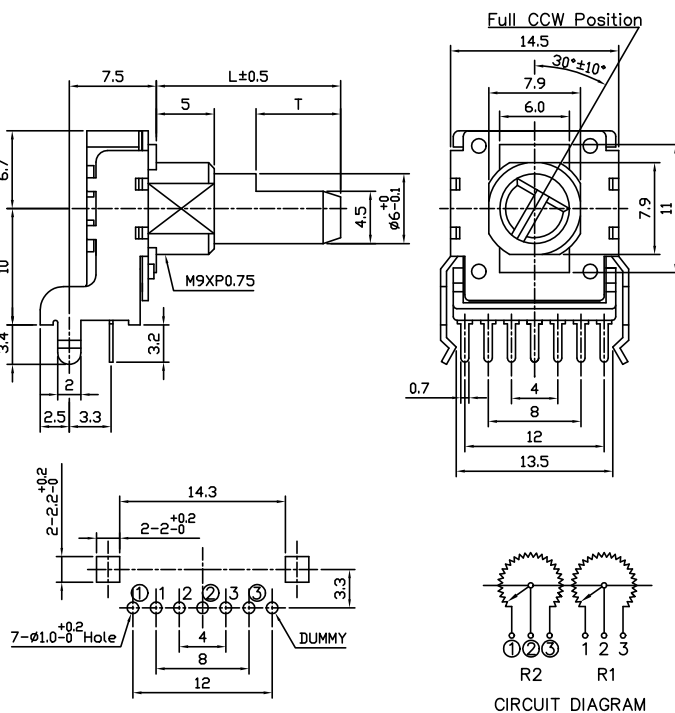
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OUTLINE DRAWING

Model P140KV (Side Adjust, without Bushing)

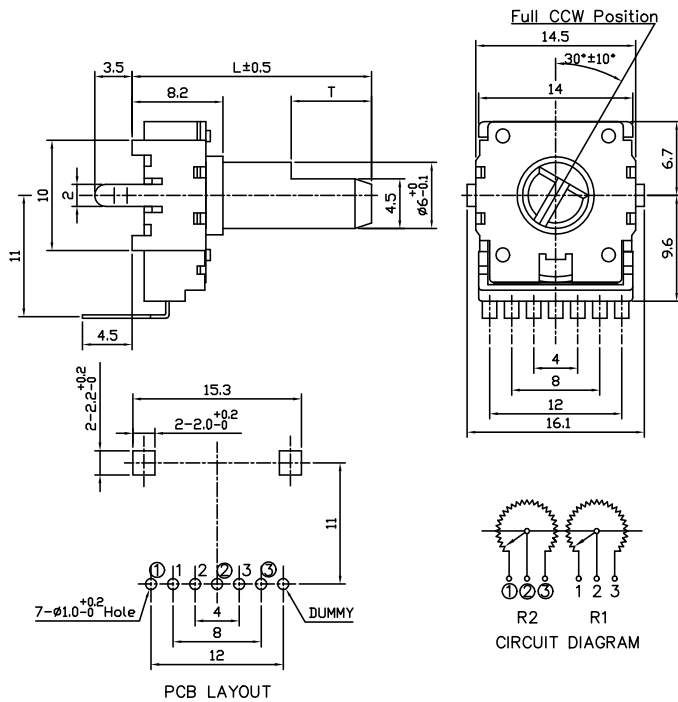


Model P140KV1 (Side Adjust, with Bushing)

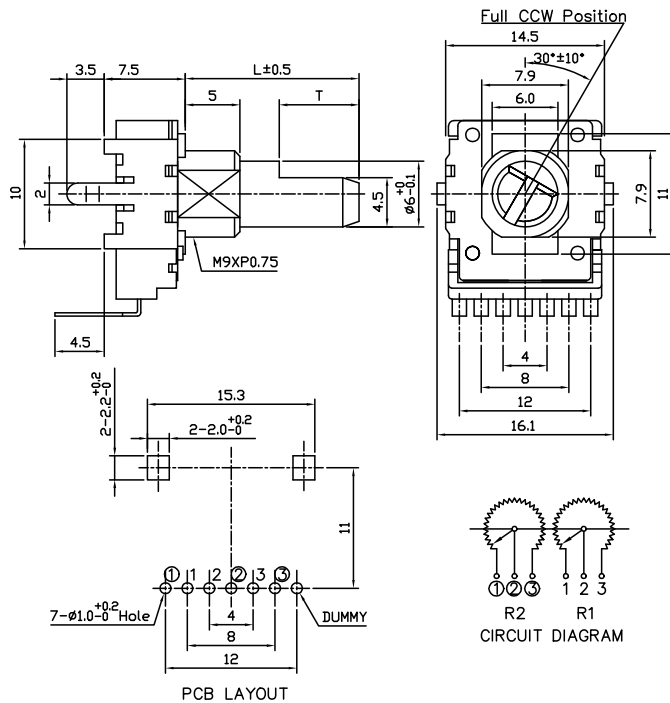


Model P140

Model P140KH (Top Adjust, without Bushing)



Model P140KH1 (Top Adjust, with Bushing)



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Authorized Distributor

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TT Electronics:

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[P140KH-F20CR50K](#) [P140KH-F20BR5K](#) [P140KV1-F25BR10K](#) [P140KV1-005A](#) [P140KV1-005B](#) [P140KH1-F20AR5K](#)
[P140KH1-F25BR10K](#) [P140KH-F20BR10K](#) [P140KH-F20AR50K](#) [P140KH1-F15AR50K](#) [P140KH1-F20CR50K](#)
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