

Model P160
16mm Rotary Potentiometer
Conductive Plastic Element
100,000 Cycle Life
Metal shaft / Bushing
Multi – Ganged available
RoHS Compliant



MODEL STYLES

Side Adjust , Solder Lugs	P160KNP
Side Adjust , PC pins	P160KN
Side Adjust , PC Pins, Long pins	P160KN2
Rear Adjust, PC pins	P160KNPD

ELECTRICAL¹

Resistance Range, Ohms	500-1M
Standard Resistance Tolerance	± 20%
Residual Resistance	20 ohms max.
Power rating Input Voltage, maximum	200 Vac max.
Power Rated, Watts	0.2W- B taper, 0.1W-others
Dielectric Strength	500Vac, 1 minute
Insulation Resistance, Minimum	100M ohms at 250Vdc
Sliding Noise	100mV max.
Actual Electrical Travel, Nominal	260°

MECHANICAL

Total Mechanical Travel	300°± 10°
Static Stop Strength	90 oz-in
Rotational Torque	0.5 to 1.25 oz-in

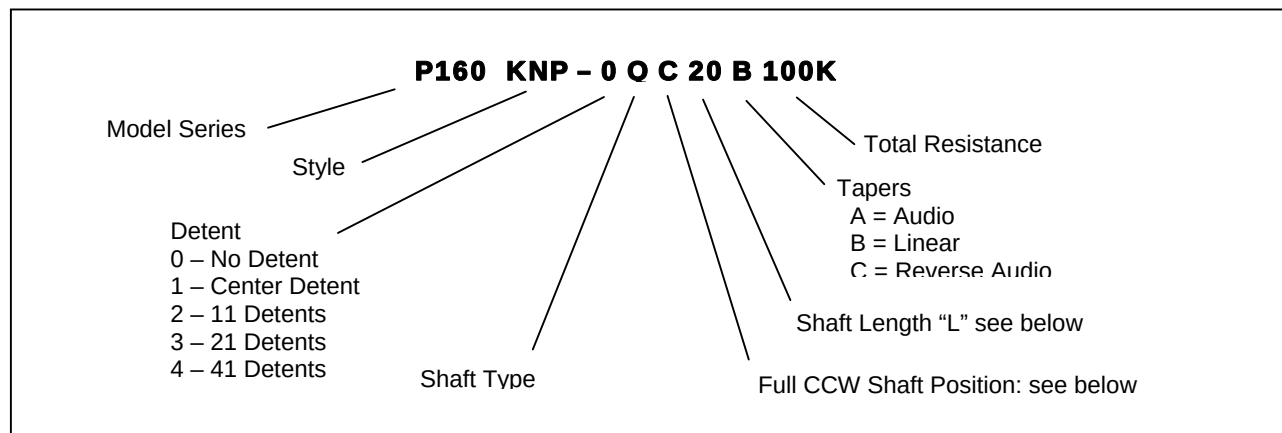
ENVIRONMENTAL

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

¹ Specifications subject to change without notice.

Model P160

ORDERING INFORMATION²

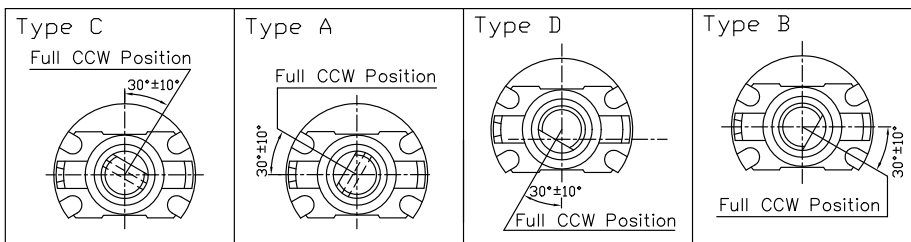


Shaft Types

E-TYPE										F-TYPE							Q-TYPE											
L	10	15	20	25	30	35	40			L	15	18	20	25	30	35	L	10	12	13	14	15	17	20	25	30	35	45
								T	7		10	12	12	12	12		T	2.5	4.5	4	5	6	8	10	12	12	12	12

Shaft Position (F-Type Shaft)

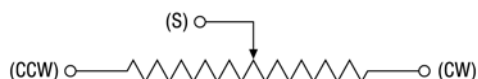
Dashed lines on Type "C" and Type "A" shows position of adjustment slot for E-Type and Q-Type shafts



STANDARD RESISTANCE VALUES, OHMS

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

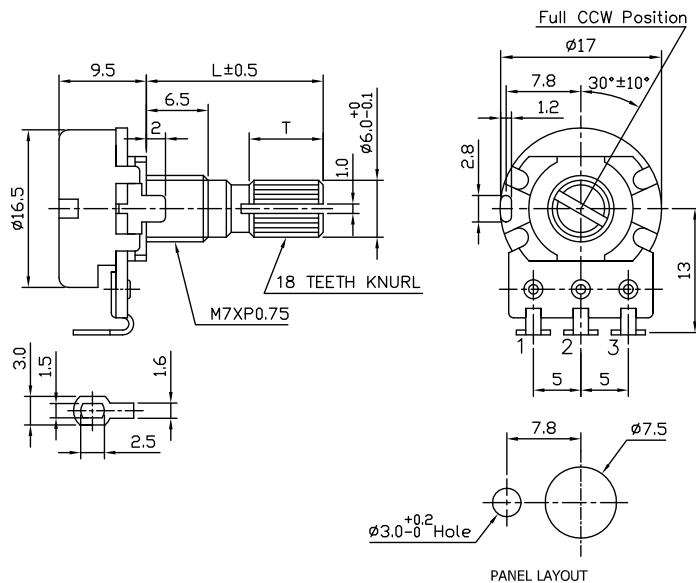
CIRCUIT DIAGRAM



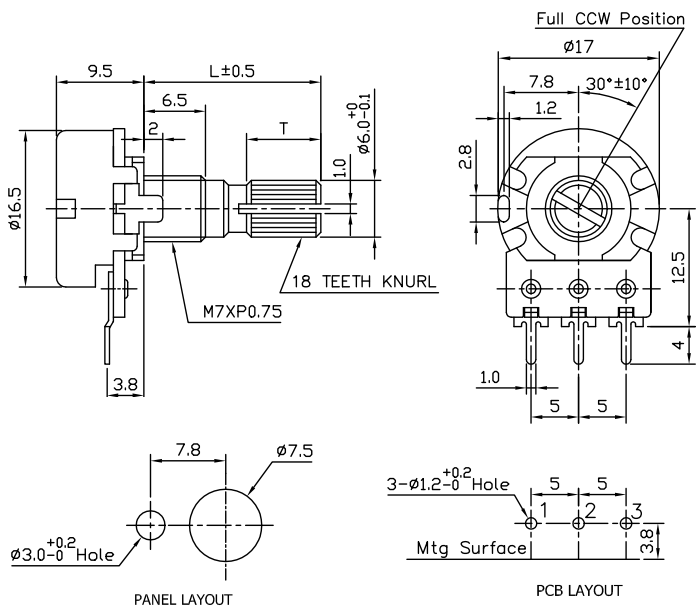
Model P160

OUTLINE DRAWING

Model P160KNP (Side Adjust , Solder Lugs)



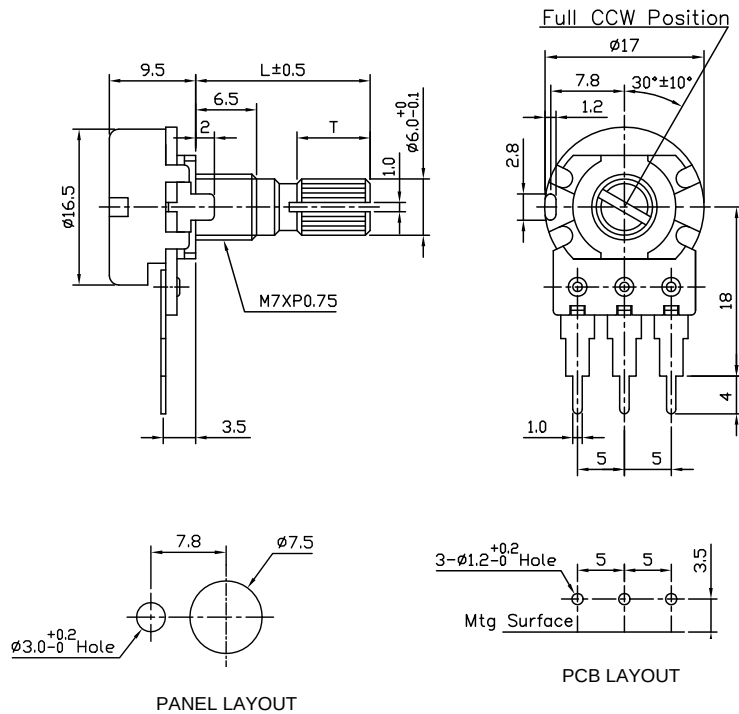
Model P160KN (Side Adjust , PC pins)



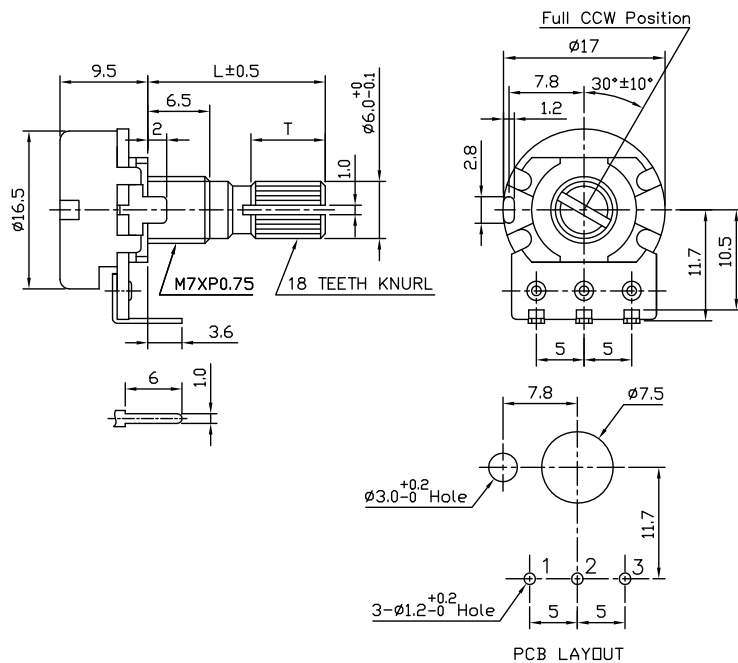
² Contact our customer service for custom designs and features.

Model P160

Model P160KN2 (Side Adjust , PC Pins, Long pins)



Model P160KNPD (Rear Adjust , PC Pins)



Mouser Electronics

Authorized Distributor

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BI Technologies:

[P160KN-0Q15A100K](#)

TT electronics:

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