Model P232/P233
24mm Rotary Potentiometer
Sealed/ Dust Proof
Long Life Element
2 Million Cycle Life
Metal Shaft/ Bushing
RoHS Compliant



MODEL STYLE

Side Adjust, Solder Lugs, Single-Gang	P232
Side Adjust, Solder Lugs, Dual-Gang	P233

ELECTRICAL[1]

Resistance Range, Ohms	1K-1M (for "B" taper) 5K-1M (for other tapers)
Standard Resistance Tolerance	± 10%
Residual Resistance	3 ohms max.
Input Voltage, Maximum	200 Vdc max.
Power rating, Watts	0.5W- B taper, 0.3W- others
Dielectric Strength	500Vac, I minute
Insulation Resistance, Minimum	100M ohms at 1,000Vdc/ 1 minute
Peak Noise (Contact Resistance Variation) @ 6 rpm	±3% max.
Linearity	±3% max.
Actual Electrical Travel, Nominal	280°
Gang Error	±3dB (-40dB to 0dB)

MECHANICAL

Total Mechanical Travel	300°± 5°
Static Stop Strength, Minimum	120 oz-in
Rotational Torque, Maximum, Single Gang (P232)	1.5 oz-in
Rotational Torque, Maximum, Dual Gang (P233)	3.0 oz-in

ENVIRONMENTAL

Operating Temperature Range	-10°C to +85°C
Rotational Life	2,000,000 cycles

[1] *Specifications subject to change without notice.*

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4200 Bonita Place, Fullerton, CA 92835 USA
Phone: 714 447 2345 Website: www.bitechnologies.com

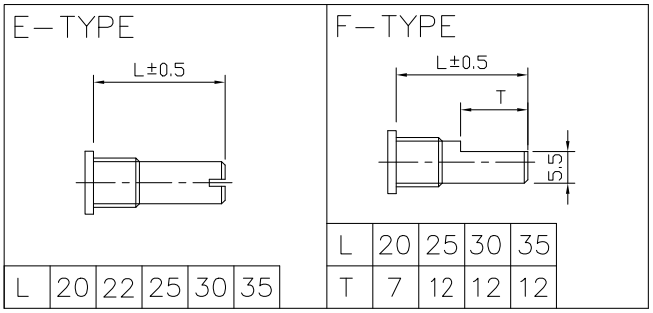
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ORDERING INFORMATION[2]

P232 – S E C 20 B R100K

- Model Series
- Seal Type: S = Sealed, D = Dust Proof
- Shaft Type
- Full CCW Shaft Position: see below
- Tapers: A = Audio, B = Linear, C = Reverse Audio
- Total Resistance
- Shaft Length "L" see below

Shaft Types

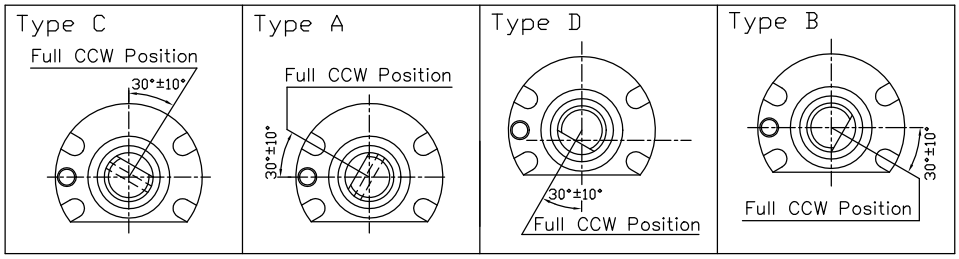


L	20	22	25	30	35

L	20	25	30	35
T	7	12	12	12

Shaft Position (F-Type Shaft)

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



STANDARD RESISTANCE VALUES, OHMS

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

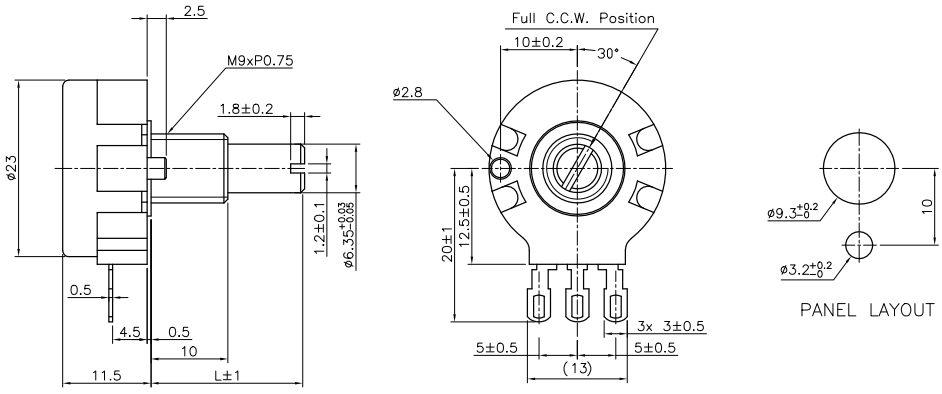
[2] *Contact our customer service for custom designs and features.*

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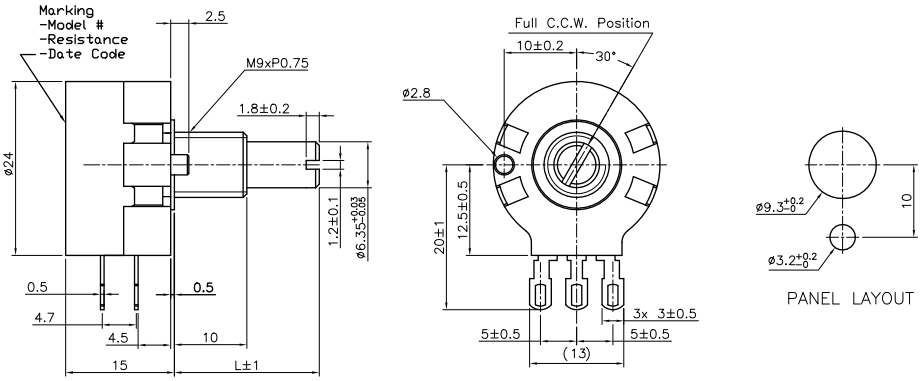
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OUTLINE DRAWING

Model P232

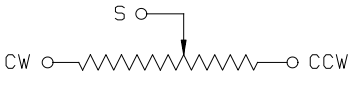


Model P233

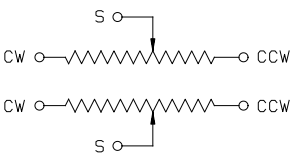


CIRCUIT DIAGRAM

P232 (Single gang)



P233 (Dual gang)



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