Panel Potentiometer

Model P232 / P233

Features:

- 24 mm rotary
- Sealed / dust proof
- Long life element
- 2 million cycle life
- Metal shaft / bushing

RoHS 2 compliant



Model Styles Available

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

Electrical

Resistance Range, Ohms	1K-1M (for "B" taper" 5k-1M (for other tapers)
Standard Resistance Tolerance	±10% (£ 500Ω or ≥ 1 Meg Ω, = ±20%)
Residual Resistance	3 ohms max.
Input Voltage, Maximum	200 Vdc max.
Power rating, Watts	0.5W- B taper, .03W- others
Dielectric Strength	500Vac, 1 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

General Note
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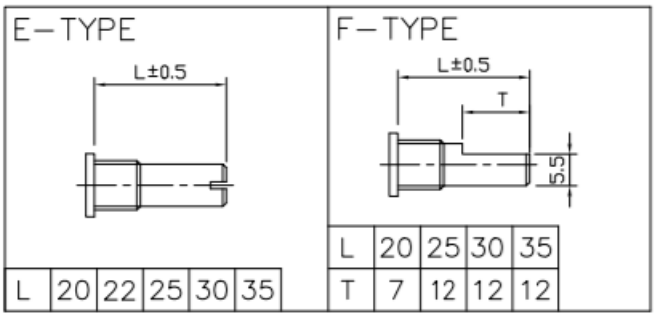
TT Electronics | BI Technologies
413 Rood RD, Suite 7
Calexico, CA 92231
Ph: +1 714 447 2345
www.ttelectronics.com/bi-technologies

Ordering

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

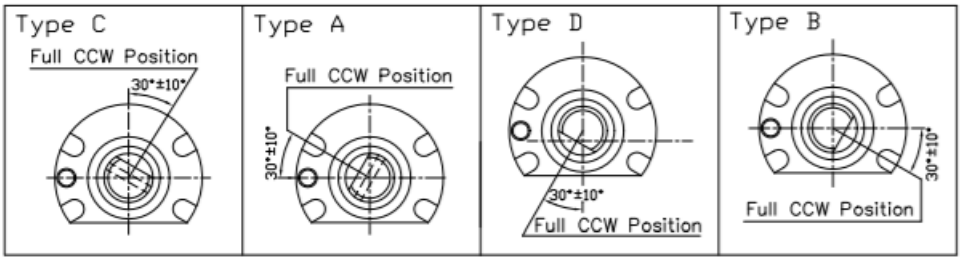


L	20	22	25	30	35

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

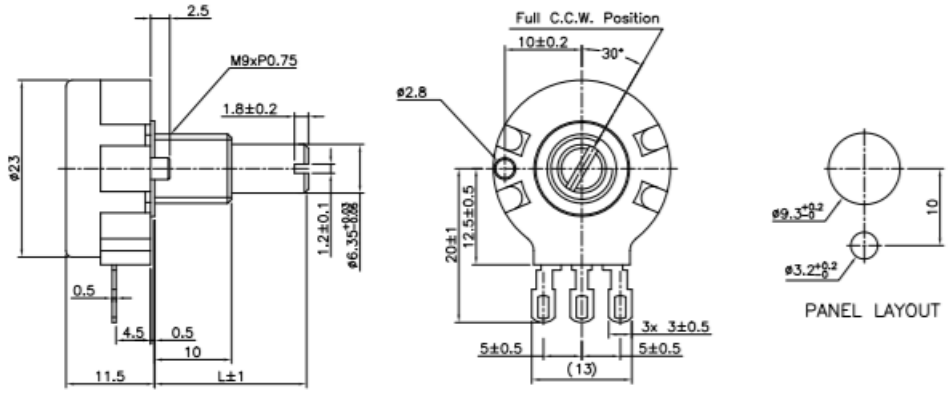
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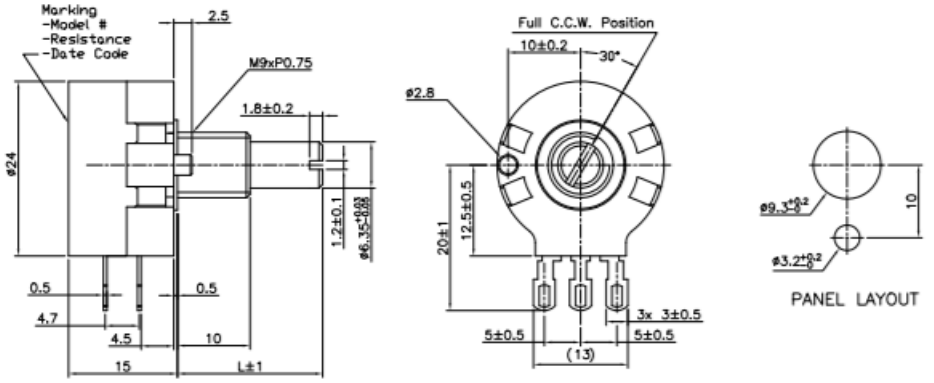
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Outline Drawings

Model P232

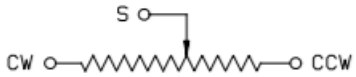


Model P233

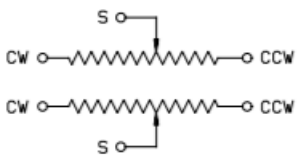


CIRCUIT DIAGRAM

P232 (Single gang)



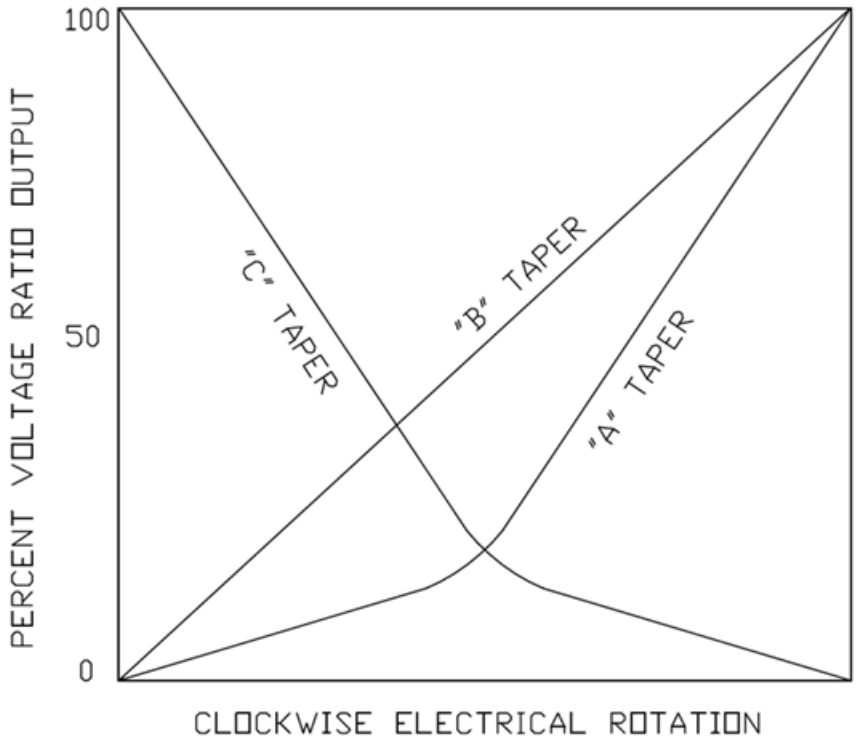
P233 (Dual gang)



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