

Panel Potentiometer

Model P231



Features:

- 24 mm rotary
- Conductive plastic element
- 100,000 cycle life
- Metal shaft / bushing



Model Styles Available

Side Adjust , Solder Lugs

P231

Electrical

Resistance Range, Ohms	500-1M
Standard Resistance Tolerance	± 20%
Residual Resistance	20 ohms max.
Input Voltage, maximum	500 Vac max.
Power rating, Watts	0.5W- B taper, 0.25W-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	70 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

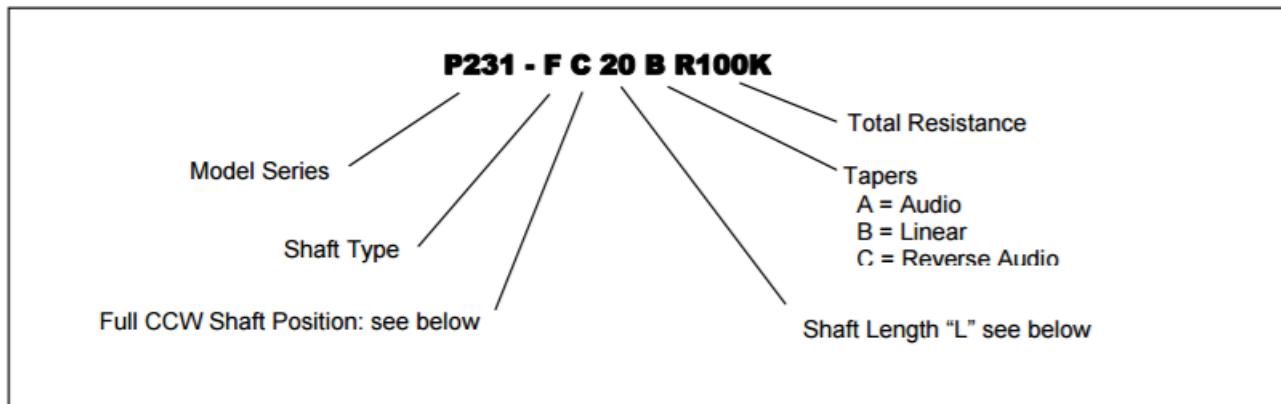
General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

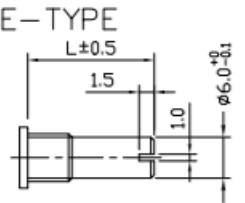
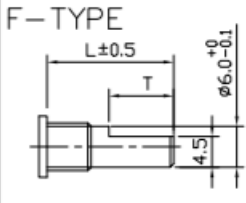
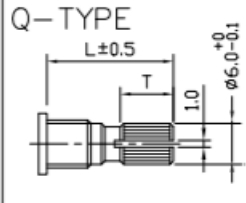
© TT electronics plc

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

Ordering

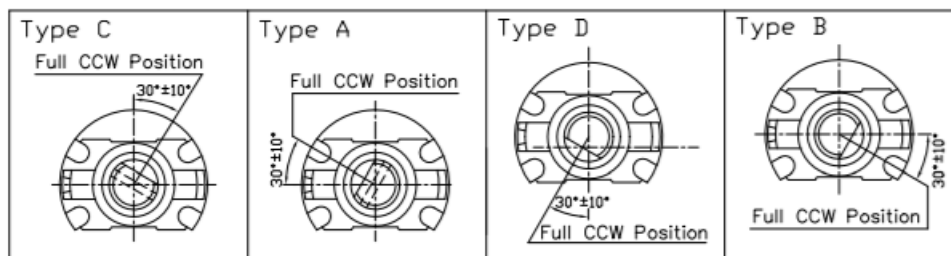


Shaft Types

E-TYPE						F-TYPE						Q-TYPE					
																	
L 15 20 25 30 35						L 15 20 25 30 35						L 15 20 25 30 35					
T 7 12 12 12 12						T 6 10 12 12 12						T 6 10 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

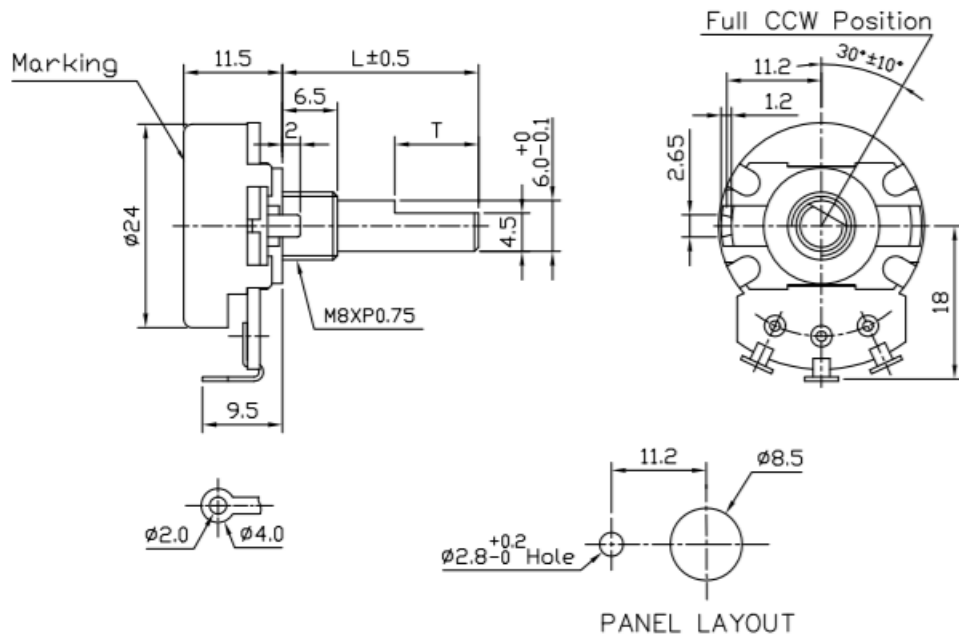
General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

© TT electronics plc

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

Outline Drawings



CIRCUIT DIAGRAM

