Model P230
24mm Rotary Potentiometer
Conductive Plastic Element
500,000 Cycle Life
Metal Shaft
Brass Bushing
RoHS Compliant

MODEL STYLE

Side Adjust , Solder Lugs	P230

ELECTRICAL[1]

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, I minute
Insulation Resistance, Minimum	100M ohms at 250Vdc
Sliding Noise	100mV max.
Actual Electrical Travel, Nominal	260°

MECHANICAL

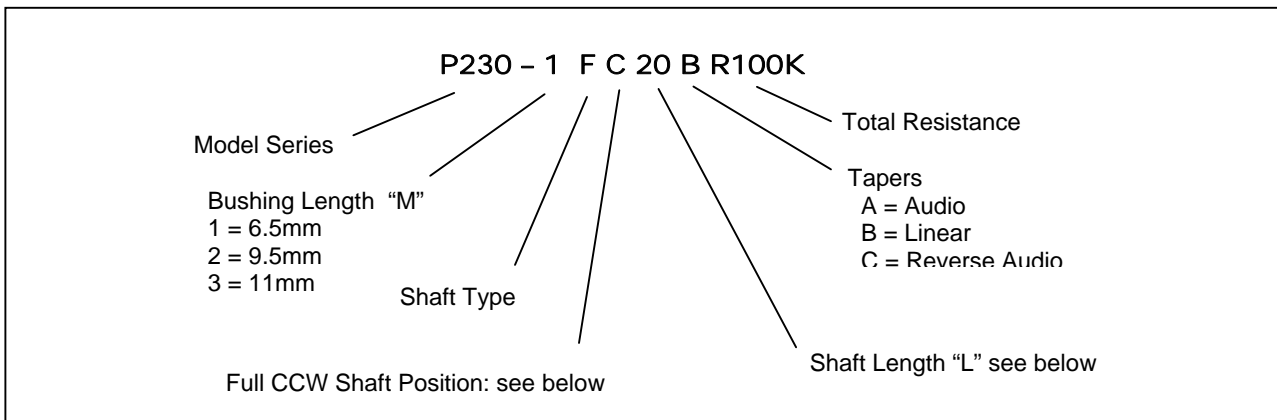|	
Total Mechanical Travel	300°± 10°
Static Stop Strength	70 oz-in
Rotational Torque	0.5 to 1.25 oz-in

ENVIRONMENTAL

Operating Temperature Range	-20°C to +70°C
Rotational Life	500,000 cycles

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

Model P230

P230 – 1 F C 20 B R100K

- Model Series
- Bushing Length "M"
  1 = 6.5mm
  2 = 9.5mm
  3 = 11mm
- Shaft Type
- Full CCW Shaft Position: see below
- Shaft Length "L" see below
- Tapers
  A = Audio
  B = Linear
  C = Reverse Audio
- Total Resistance

Shaft Types

E−TYPE
L±0.5
1.5
1.0
$\phi 6.35^{+0}_{-0.1}$

L	15	20	22	25	30	35

F−TYPE
L±0.5
T
5.5
$\phi 6.35^{+0}_{-0.1}$

L	15	20	25	30	35
T	7	12	12	12	12
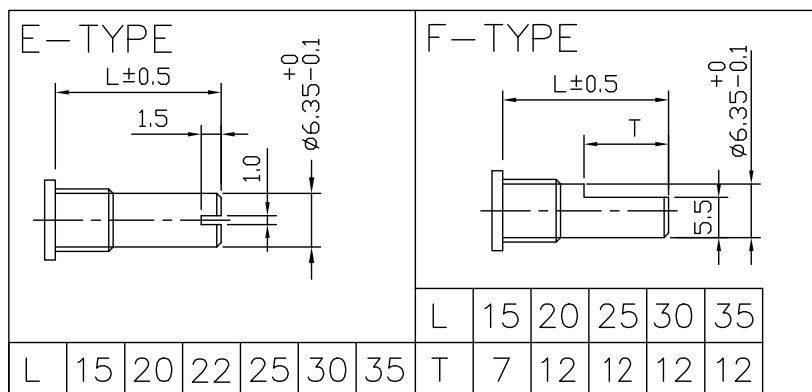
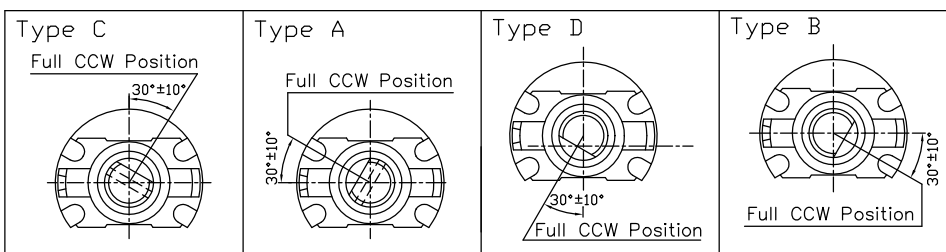**Shaft Position** (F-Type Shaft)

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

Type C
Full CCW Position
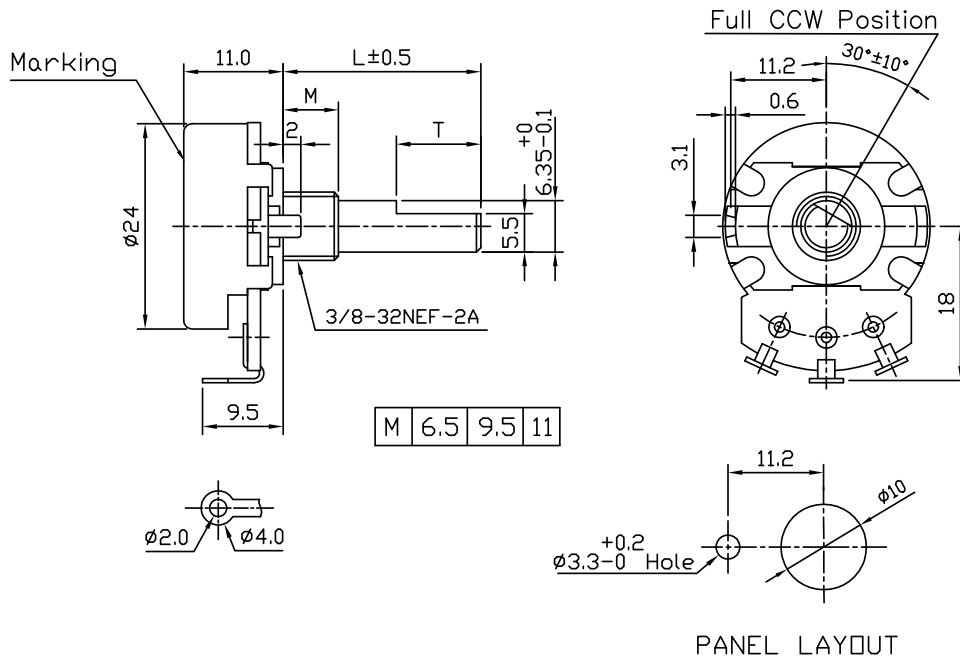30°±10°

Type A
Full CCW Position
30°±10°

Type D
30°±10°
Full CCW Position

Type B
30°±10°
Full CCW Position

STANDARD RESISTANCE VALUES, OHMS

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

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

Model P230

Marking

11.0

L±0.5

M

2

T

Ø24

6.35 +0 −0.1

5.5

3/8-32NEF-2A

9.5

| M | 6.5 | 9.5 | 11 |

Ø2.0   Ø4.0

Full CCW Position

11.2

30°±10°

0.6

3.1

18

11.2

Ø10

Ø3.3 +0.2 −0 Hole

PANEL LAYOUT

CIRCUIT DIAGRAM

(S)

(CCW)   (CW)