

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<sup>1</sup>

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

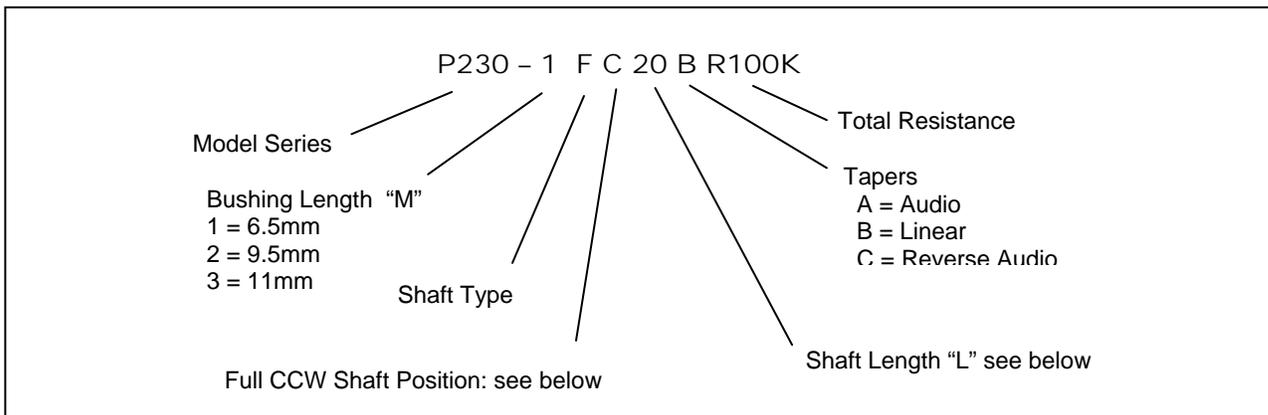
#### ENVIRONMENTAL

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

<sup>1</sup> Specifications subject to change without notice.

# Model P230

## ORDERING INFORMATION<sup>2</sup>

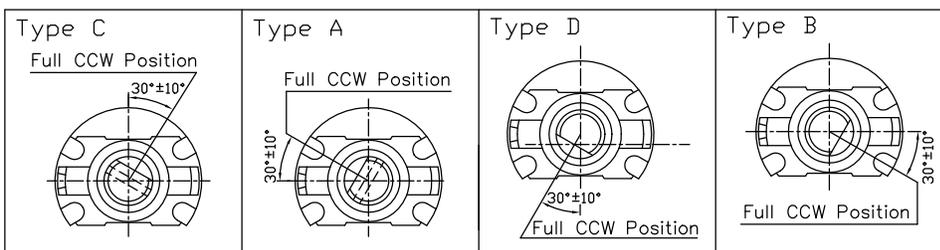


### Shaft Types

E-TYPE						F-TYPE					M-TYPE					Q-TYPE								
L	15	20	22	25	30	35	L	15	20	25	30	35	L	16	19	25	30	35	L	16	19	25	30	35
							T	7	12	12	12	12	T	7.5	7.5	12	12	12	T	6	6	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



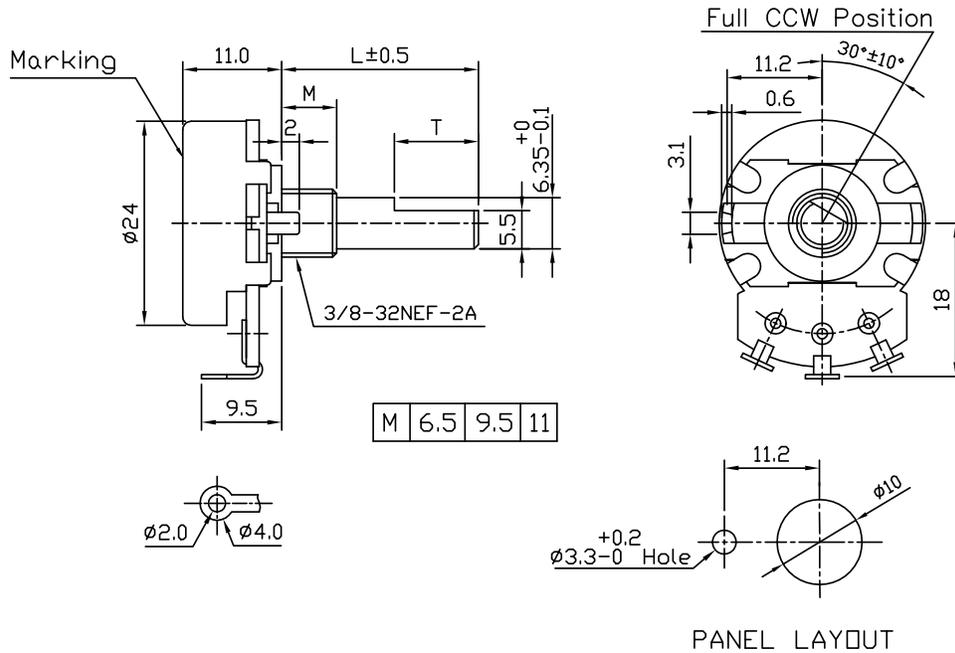
## STANDARD RESISTANCE VALUES, OHMS

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

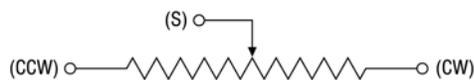
<sup>2</sup> Contact our customer service for custom designs and features.

# Model P230

## OUTLINE DRAWING



## CIRCUIT DIAGRAM



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## BI Technologies:

[P230-DEC22BR20K](#) [P230-CEC22BR20K](#) [P230-2EC22BR20K](#) [P230-1EC20AR20K](#) [P230-3FA25BR1K](#) [P230-1EC20BR20K](#) [P230-2FA25BR10K](#) [P230-1FC25BR5K](#) [P230-1FD20BR10K](#)

## TT electronics:

[P230-1FD20BR150K](#) [P230-2EC20BR10K](#) [P230-1FC15AR10K](#) [P230-2QC19BR250K](#) [P230-1EC15BR100K](#) [P230-3EC20B500K](#) [P230-2EC20AR1MEG](#) [P230-1EC15AR250K](#) [P230-3MC19BR500K](#) [P230-2EC20AR1M](#) [P230-2FC20BR500K](#) [P230-1FC20AR250K](#) [P230-2MC16CR500K](#) [P230-2MC16AR250K](#) [P230-1MC16AR250K](#) [P230-2FC15AR10K](#) [P230-2MC16BR500K](#) [P230-1FC15BR10K](#) [P230-1FC35BR100K](#) [P230-2EC20AR50K](#) [P230-1FC25BR100K](#) [P230-1FC20AR500K](#) [P230-2EC20AR500K](#) [P230-2MC16BR300K](#) [P230-1FC25AR500K](#) [P230-1EC15AR1MEG](#) [P230-2EC35BR25K](#) [P230-2FC15BR10K](#) [P230-2EC20AR250K](#)