

SINGLE TURN POTENTIOMETER
Model P12
∅ 13 mm
5 000 00 Cycles (Shaft Rotations)
Conductive Plastic



Features:

- Excellent Lifetime
- Robust Construction
- Simple mounting

Applications:

- Nominal/Target Value setting
- Measuring Instruments
- Simple Servo Systems



Electrical Data:

Resistance Range	: 1kΩ, 2 kΩ, 5 kΩ, 10kΩ
Resistance Tolerance	: ± 20%
Eff. Ele. Travel	: 300° nom.
Linearity	: ± 5 %
Power Rating	: 0.5 W at 70°C
Resolution	: Essentially ∞
Max. Wiper Current	: 10 mA in case of Failure (10 Sec)
Supply Voltage	: As per diagram
Contact Resistance	: Within 2% CRV
Insulation Resistance	: 500 MΩ at 500Vdc
Dielectric Strength	: 500 Vac
Temperature Coefficient	: ± 400 ppm/°C

Mechanical Data:

Life	: 5 000 00 Cycles
Mech. Angle	: 320°
Protection Class	: IP52
Running Torque	: 5 N.mm
Bearing	: Bush Bearing

Environmental Data:

Storage Temperature	: -40°C to +105°C
Operating Temperature	: -40°C to +105°C
Terminals	: Solder pads, gold plated

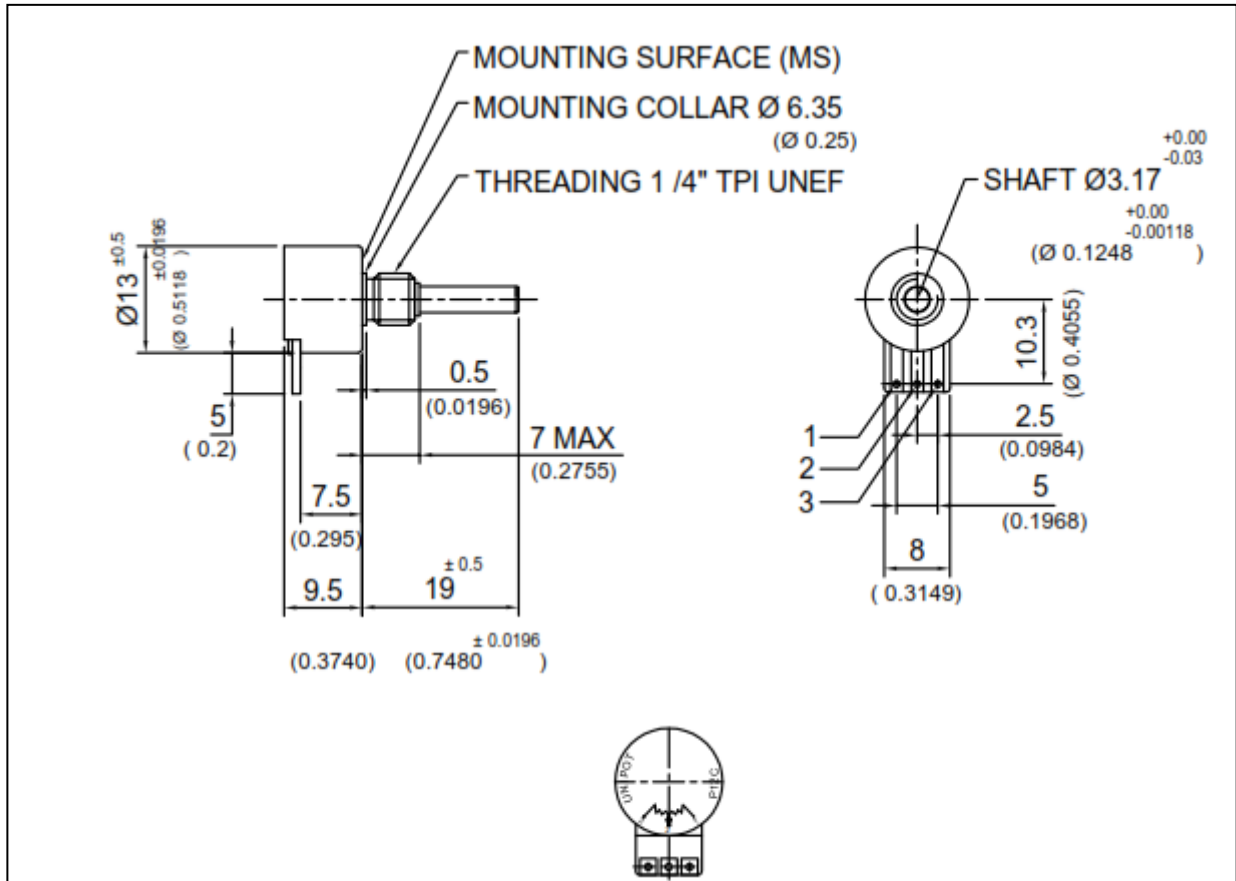
Material:

Housing	: Engg. Plastic
Shaft	: Stainless Steel

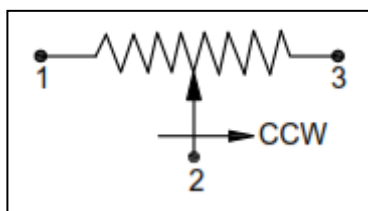
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Dimensional Drawing:



Connection Drawing:



Options:

Upon Request

Specifications subject to change without notice