

**SINGLE TURN POTENTIOMETER**  
**Model NP15HS**  
**2 000 000 Cycles**  
**Conductive Plastic**



**RESENZO**  
SMARTER SENSING AND CONTROL

**Features:**

- Excellent Lifetime
- Robust Construction
- Simple mounting

**Applications:**

- Joysticks
- Robotics
- Actuators



**Electrical Data:**

Resistance Range	: 1k $\Omega$ , 2k $\Omega$ , 5k $\Omega$ , 10k $\Omega$
Resistance Tolerance	: $\pm$ 20%
Effective Ele. Travel	: 320°
Linearity	: $\pm$ 2%
Power Rating	: 0.5 W bei 70°C
Resolution	: Essentially $\infty$
Max. Wiper Current (10 Sec)	: 10mA in case of failure
Contact Resistance	: Within 2% CRV
Insulation Resistance	: 500M $\Omega$ at 500Vdc
Dielectric Strength	: 500Vac
Temperature Coefficient	: $\pm$ 400 ppm/°C

**Mechanical Data:**

Life	: 2 000 000 Cycles
Mech. Angle	: CR
Protection Class	: IP 50
Operating Torque	: 5 Nmm
Bearing	: Sleeve

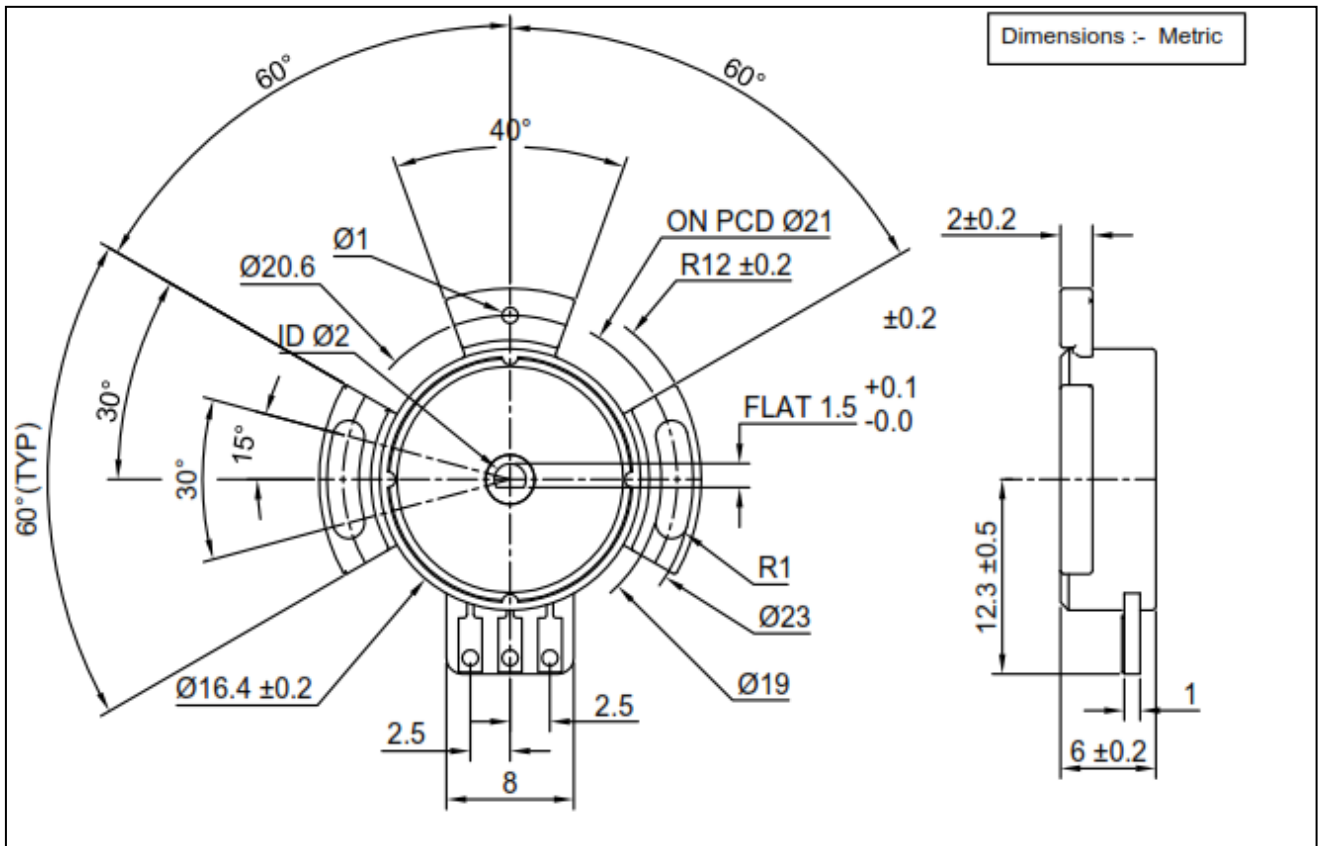
**Environmental Data:**

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

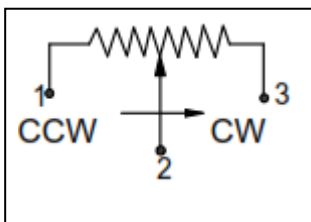
**Material:**

Housing	: Engg. Plastic
Shaft	: Engg. Plastic
Standard	: Confirms to RohS

**Dimensional Drawing:**



**Connection Drawing:**



**Options:**

Upon Request

Specifications subject to change without notice