

SCP-25

SINGLE TURN CONDUCTIVE PLASTIC POTENTIOMETERS



RoHS & Reach Compliance

Conductive Plastic Single Turn Panel Mounting Potentiometers SCP-25 from URT offers long rotational life, stable output in wide temperature range, high moisture environment, with infinite resolution for manual or mechanized application in variety of fields e.g. Drives, Automation etc.

FEATURES

- Infinite Resolution, low CRV
- Gold Plated Wiper & PCB
- Long Rotational Life
- Sturdy Construction
- Brass Nickel Plated Bush and Shaft
- Thermoplastic Housing
- Relimate Connector Compatible Termination
- Various Shaft Lengths and Designs



Electrical Specifications

Standard Resistance Values	1K Ω , 5K Ω , 10K Ω , 100K Ω , 220K Ω
Resistance Range	
Standard	$\pm 25\%$
Special	$\pm 15\%$
Power Rating	1 Watt @ 40°C
Resolution	Essentially Infinite
Rotational Life Expectancy	1 Lakh Shaft Revolutions
Temp. Coefficient of Resistance	± 500 ppm/°C
Maximum Wiper Current	1 mA
Effective Electrical Angle	300°
Dielectric Strength at Sea Level	Min. 1000 VAC for 1 minute
Temperature Range	0° to 100°C

Mechanical Specifications

Housing Diameter	25 mm
Housing Height	12 mm
Shaft Diameter	6.3 mm
Shaft Length	19 mm or 25 mm
Mounting	Bush 3/8" x 32 TPI, 10 mm Long
Mechanical Angle of Rotation	330°



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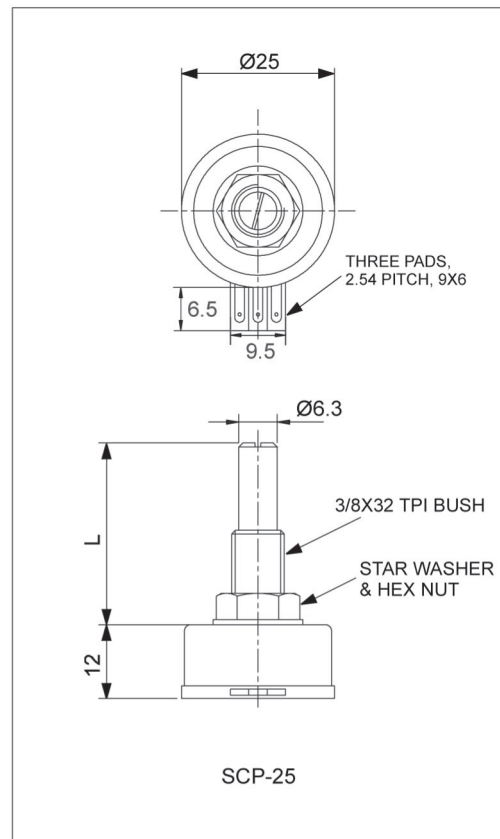
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Single Turn Conductive Plastic Potentiometers Model: SCP-25

Product Image



Dimensional Diagram



Applications

- ♦ Automation
- ♦ AC/DC Motor Drives
- ♦ Process Control Equipments
- ♦ Test and Measuring Instruments
- ♦ Control Panels
- ♦ Offset Settings & many more.

Ordering Information

Example: SCP-25, 1K, 19 mm

Model No.	Resistance Value in ohms	Shaft Length in mm
SCP-25	1K, 5K, 10K, 100K, 220K	19 mm or 25 mm as required

