

## SP CARBON FILM SINGLE TURN POTENTIOMETERS



### Description

SP1.2 series potentiometers are designed for use in special equipment such as DC or AC current circuits. SP1.2 series potentiometers can work in ambient temperature ranges from -65°C to +100°C, relative humidity of 95 - 98 %, in an ambient temperature up to +40°C and barometric pressure of 6.7 - 1040 hPa (5-780 mmHg).

### Quick Reference Data

Mechanical Angle	255°±5°
Mechanical Angle – electrical angle (different)	Max. 30°
Runing Torque (whole range within)	2 ÷ 6 Ncm
IP rating	IP 54
Dielectric Withstanding Voltage	Min. 1000V AC
Rotational Life	15000 rotations
Anti Rotation Lug (or similar)	2 pins
Rohs 2 Compliant	Compliant
Shaft Diameter	6 mm
Shaft Length (from mounting surface to top)	16mm; 20mm; 25mm
Bushing Length	≤ 9mm
Terminals	Solder lugs
Resistance	10Kohms (E6 series)
Taper Type	Linear - A
Total Resistance Tolerance	±10% - on request
Independent Linearity	±5%
Contact Resistance Variation	Not defined
Insulation Resistance	1Gohms min.
Power Rating At 70°C (Derate to 0 at 125°C)	Min 1W
Operating Temperature Range	-65°C to +100°C
Relative Humidity	95 ÷ 98%
Stop Strength	≥ 50Ncm

## Dimensions

