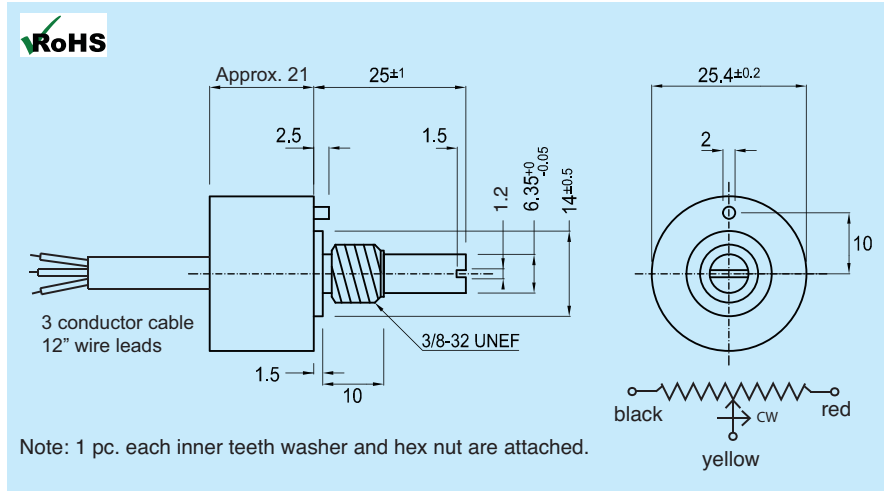


**Single Turn Wirewound Potentiometer
IP54 Protection**



• **Model Nos.**

- R25W SRCWT (with stop)
- R25WC SRCWT (without stop)

• **General Specifications (Note 1)**

Resistance Values (Ω):	50, 100, 200, 500, 1K, 2K 5K, 10K, 20K	Noise:	Below 100 ohms E.N.R
Resistance Tolerance:	Standard Class 10% Precision Class 5%	Electrical Travel:	270° ±5°
Independent Linearity Tolerance:	Standard Class ±1% Precision Class ±0.75%	Mechanical Travel:	R25W 285° ±5° R25WC 360° (w/o top, continuous)
Power Rating:	1.0W @ 70°C (0W @ 105°C)	Insulation Resistance:	Over 1,000M ohms @ 500 VDC
Rotational Life:	100,000 shaft revolutions (no load)	Dielectric Strength:	1 minute at 1,000V.A.C.
Protection Grade:	IP54	Starting Torque:	Below 15mN·m (150gf·cm)
Operating Temperature:	-40° to +105°C (Note 1)	Max. Working Voltage:	225V
		Temperature Coefficient of Wire:	±50p.p.m./ °C (≤ 1K) ±150p.p.m./ °C (> 1K)
		Vibration:	15 G / 10Hz to 2,000Hz
		Shock:	30 G / 10ms
		Mass:	Approx. 25g

• **Resolution Chart**

Resist. Value (Ω)	50	100	200	500	1k	2k	5k	10k	20k
Resolution (%)	0.7	0.56	0.52	0.39	0.26	0.22	0.17	0.15	0.11

• **Special Specifications Available**

Special shaft machining, Special electrical angle, Special resistance values

Note 1: Customers should test and verify device performance in any given application. General specifications are measured at temperatures of +15°C ~ +35°C. Specifications subject to change without notice.