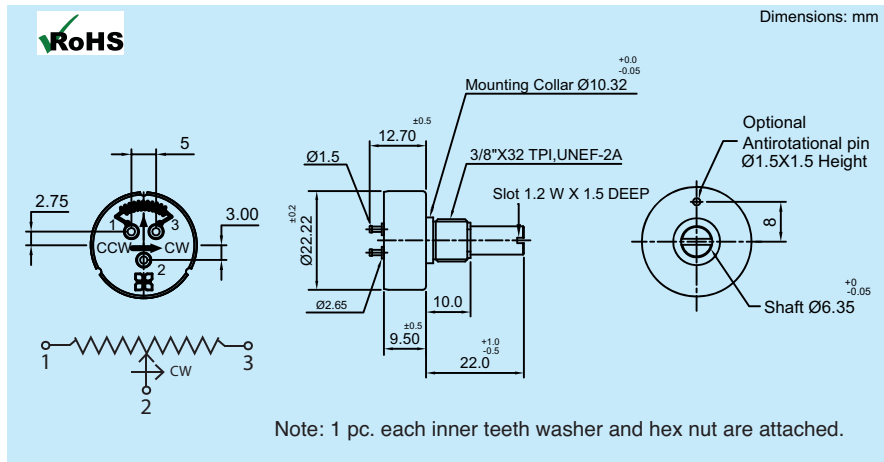


Single Turn Conductive Plastic Potentiometer

Series R22P R22PC



• Model Nos.

R22P	(with stop)
R22PC	(without stop, continuous)

• General Specifications (Note 1)

Resistance Values (Ω):	1K, 2K, 5K, 10K, 20K 50K, 100K	Contact Resistance Variation:	Below 3% C.R.V.
Resistance Tolerance:	Standard Class $\pm 20\%$ Precision Class $\pm 10\%$	Power Rating:	1.0W @ 70°C (0W @ 105°C)
Independent Linearity Tolerance:	Standard Class $\pm 2.0\%$ Precision Class $\pm 1.0\%$	Electrical Travel:	340° $\pm 5^\circ$
Resolution:	Essentially Infinite	Mechanical Travel:	R22P 340° ± 5 R22PC 360° (continuous)
Output Smoothness:	Below 0.1% against input voltage	Insulation Resistance:	> 1000M ohms @ 500 VDC
Rotational Life:	5,000,000 shaft revolutions (no load)	Dielectric Strength:	1 minute @ 500 VAC
Protection Grade:	IP40 (IP54 option)	Starting Torque:	0.708 Oz inch
Operating Temperature:	-40°C ~ +120°C (Note 1)	Temperature Coefficient:	± 400 p.p.m / °C
		Vibration:	15G / 10Hz to 2,000Hz
		Shock:	50 G / 11ms
		Mass:	Approx 20g
		Housing:	Aluminum black anodized
		Shaft:	Stainless steel
		Terminals:	Brass, gold plated

• Special Specifications Available

Extra taps (Available up to 1 tap), Special electrical travel, special shaft diameter, special shaft machining.
Custom cabling.

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.