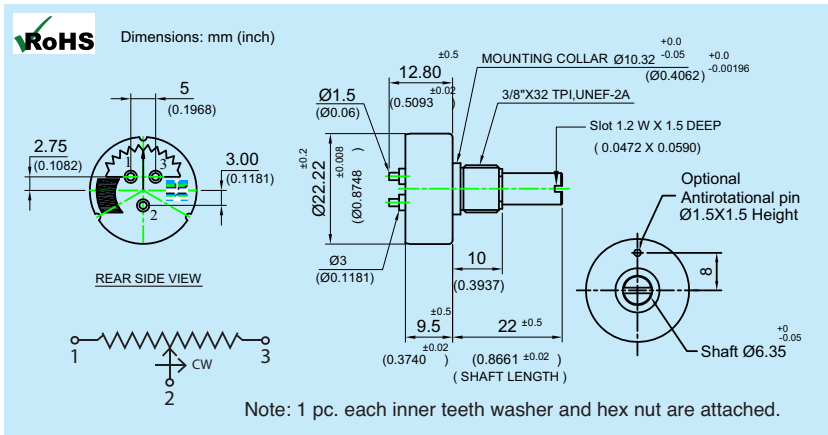


R22P / R22PC Series

Single Turn Potentiometer (Conductive Plastic)



• **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	
Resistance Tolerance:	Standard Class $\pm 20\%$ Precision Class $\pm 10\%$	Variation:	Below 3% C.R.V.
Independent Linearity Tolerance:	Standard Class $\pm 2.0\%$ Precision Class $\pm 1.0\%$	Power Rating:	1.0W @ 70°C (0W @ 105°C)
Resolution:	Essentially Infinite	Electrical Travel:	340° $\pm 5^\circ$
Output Smoothness:	Below 0.1% against input voltage	Mechanical Travel:	R22P 340° ± 5 R22PC 360° (continuous)
Rotational Life:	5,000,000 shaft revolutions (no load)	Insulation Resistance:	> 1000M ohms @ 500 VDC
Protection Grade:	IP40 (IP65 option)	Dielectric Strength:	1 minute @ 500 VAC
Operating Temperature:	-40°C ~ +120°C (Note 1)	Starting Torque:	0.708 Oz inch
		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.