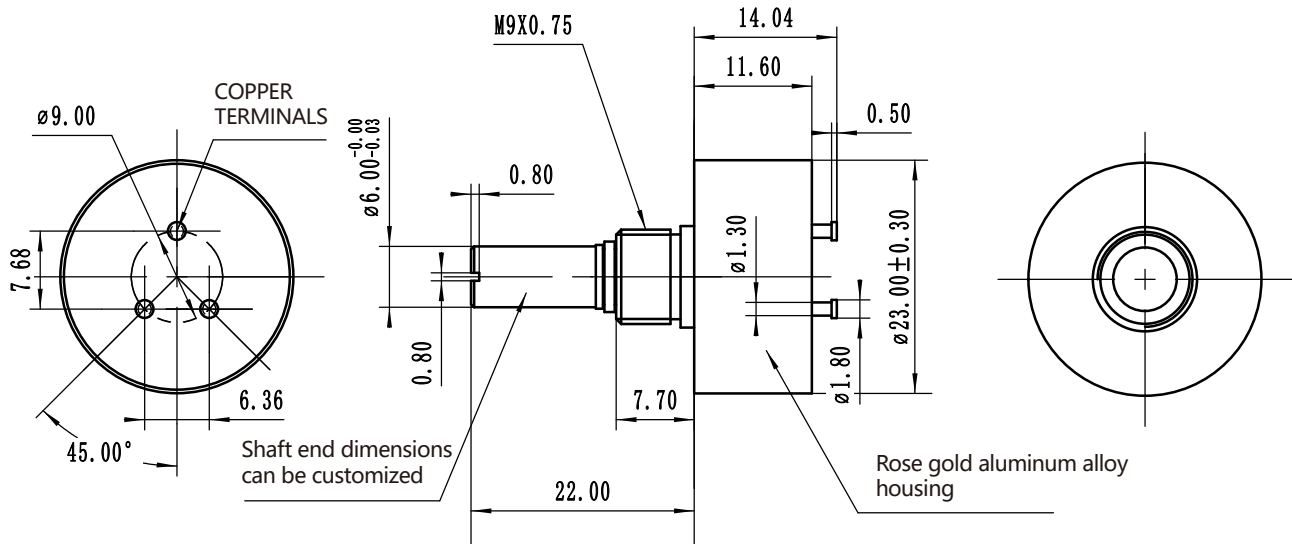


Features

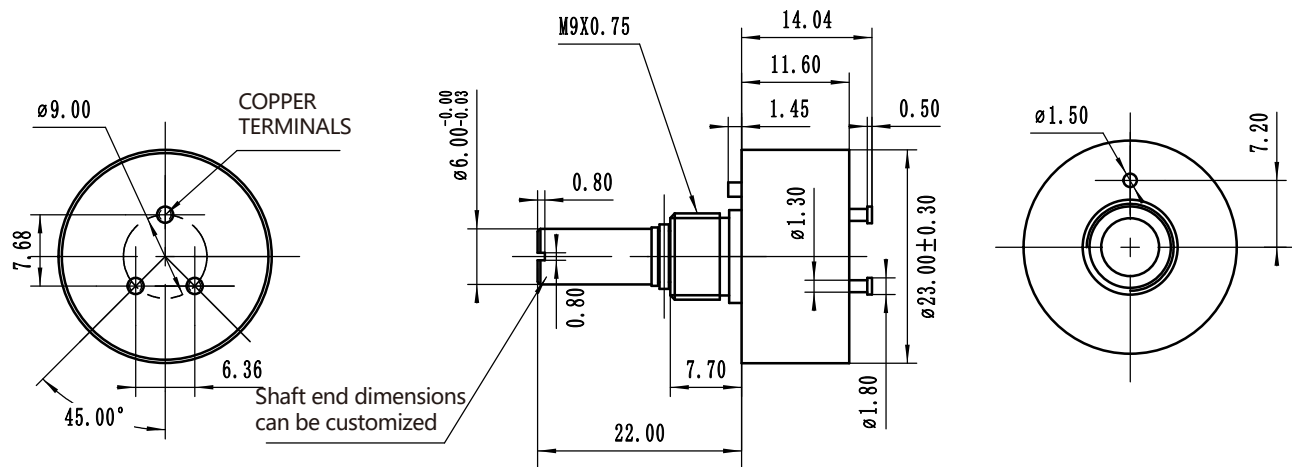
- Rated Power: 1W
- Single-turn
- Precision Adjustable
- Reliable Performance
- Small Size
- High Precision

Product Dimensions

WI27-1



WI27-1A/2A



Support special customization (semicircular shaft/flat shaft, long shaft/short shaft and etc)

DIMENSIONS: MM
TOLERANCES: ± 0.3 MM EXCEPT WHERE NOTED

Electrical Characteristics

Items	Parameters
Standard Resistance Range	10Ω-2MΩ
Resistance Tolerance	±10%
Contact Resistance Variation	3%R or 5Ω
Insulation Resistance	100MΩ, 500 Vdc. 1 minute
Withstanding Voltage	101.3KPa, 500 Vac; 8.5KPa, 300 Vac
Dielectric Strength Sea Level	500 Vac (1 minute)
Adjustment Angle	360°±3°

Environmental Characteristics

Items	Parameters
Max. Soldering Exposure	250°C , 10 seconds
Power Rating(300 volts max.)	70°C, 1W; 125°C, 0W
Operating Temp. Range	-55°C ~ + 125°C
Temperature Coefficient	±100 ppm /°C
Temperature Variation	(-55°C ~ +125°C) , After 5 cycles without load, ΔR/R≤±10%
Vibration	(10-50HZ, amplitude 1.5mm), 3 directions, 2H in each direction, ΔR/R≤±10%
Shock	100G, ΔR/R≤±2%
70°C Electrical Endurance	1000 hours @ 70°C Rated Power; ΔR≤±3%R

Physical Characteristics

Items	Parameters
Mechanical Angle	360° continuous (optional mechanical stops 340° ± 3°)
Starting Torque	≤10 mN.m
Stop Strength	≤15 mN.m
Standard Packaging	10 PCS/ Box

Standard Resistance Table

Resistance(Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105
2,000,000	205

How to Order

WI27 - 1A - 103

