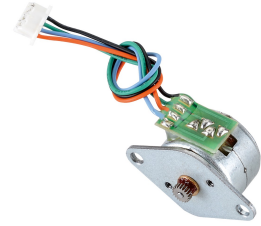


Compact Stepper Motor

This compact stepper motor is designed for precision positioning applications. It features pre-drilled holes for secure installation and color-coded wires for simplified wiring.

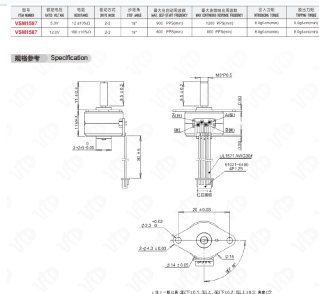


Product Overview

Compact Precision Stepper Motor

The VSM15 series is a high-precision compact stepper motor designed for applications requiring reliable positioning. Available in 5.0V and 12.0V models, these motors feature a 2-2 drive mode and an 18-degree step angle. The compact 11mm height profile and integrated multi-pin connector design facilitate easy integration into space-constrained professional equipment.

Technical Specifications



Dimensional and performance specification reference for VSM1597 and VSM1587 models.

Performance Metrics

Feature	VSM1597	VSM1587
Rated Voltage	5.0V	12.0V
Resistance	12 ±10%Ω	190 ±10%Ω
Max Self-Start Freq	900 PPS	600 PPS
Max Response Freq	1200 PPS	800 PPS
Introducing Torque	6.0gf-cm	6.0gf-cm
Tripping Torque	9.0gf-cm	8.0gf-cm

General Design Parameters

- Drive Mode: 2-2
- Step Angle: 18°
- Max Motor Height: 11mm
- Base Diameter: 14 ±0.05mm
- Mounting Hole Pattern: 2-4.3 ±0.03mm

Connectivity

Wiring and Connection

UL1571 AWG30#, 51021-0400 Connector, 4P1.25 Pitch, Color-coded wires