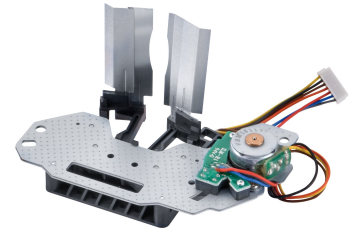


Stepper Motor Module

This module features a compact motor assembly mounted on a perforated metal base. It incorporates reflective metal components and a multi-wire connector.



Product Overview

Precision Stepper Motor Module VSM15117

The VSM15117 is a precision-engineered stepper motor module designed for high-reliability applications, such as business automation equipment and projector systems. This compact assembly features a robust motor mounted on a perforated metal base, ensuring seamless integration and consistent performance. With a 2-2 drive mode and a 5.0V rated voltage, it is optimized for controlled, responsive operation in demanding technical environments.

Electrical Specifications

Rated Voltage	5 V
Resistance	12 Ω

Performance Metrics

Operational Performance

500 PPS

Max Self-Start Frequency

1000 PPS

Max Continuous Response Frequency

6 gf-cm

Introducing Torque

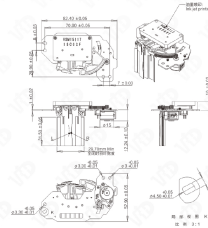
8 gf-cm

Tripping Torque

Mechanical Specifications

型号	系列	电压	额定电流	额定功率	额定速度	额定转矩	额定力矩	额定力矩	额定力矩	额定力矩	额定力矩
VSM15117	57	5V	500mA	2.5W	1500RPM	0.025Nm	0.025Nm	0.025Nm	0.025Nm	0.025Nm	0.025Nm

规格书 Specification



Technical drawing and specification sheet for the VSM15117 module, detailing key dimensions and operational parameters.

Key Dimensions Reference

Parameter	Value
Primary Length	82.40 ±0.05 mm
Primary Width	70.90 ±0.05 mm
Secondary Width	52.90 ±0.05 mm
Diameter 1	Æ3.30 +0.01/+0.05
Diameter 2	Æ4.50 +0.01/+0.05
Drive Mode	2-2
Step Angle	18 °
Min Full Close Feather Width	29.7 mm