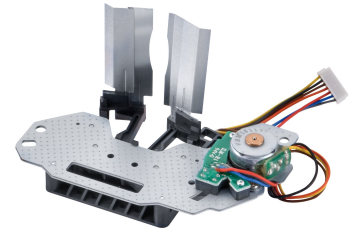


Stepper Motor Module

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

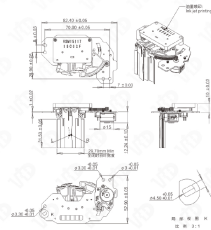
8 gf-cm

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	最大转矩	最大静转矩	最大动态转矩	最大加速度	最大速度
VSM15117	57H	5V	500mA	2.5W	1500rpm	1.2N·m	1.8N·m	2.5N·m	3.0N·m	10000mm/s ²	3000rpm

规格参数 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	∅3.30 +0.01/+0.05
Diameter 2	∅4.50 +0.01/+0.05
Drive Mode	2-2
Step Angle	18 °
Min Full Close Feather Width	29.7 mm