

Stepping Motors

M15LS-1N

OUTLINE

This model was developed for use as a pick-feed motor in optical recording/playback equipment.

The optimum magnetic circuit design has been utilized to achieve the highest positioning precision for micro-step drive.

Also, the integral molding of the stator and coil bobbin realizes greater stability, making it ideal for use in a variety of small equipment.



FEATURES

1. Compact size and light weight and high output torque.
2. Superior running quietness and.
3. Step angle: 18°.
4. Excellent responsiveness acquired.

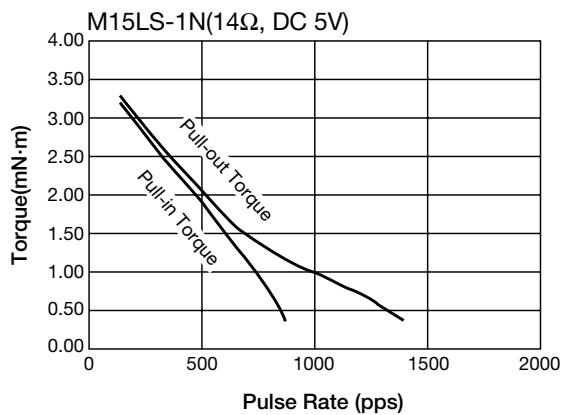
USES

1. Pick-feed on optical recording/playback equipment.
2. Drive for all types of small equipment.

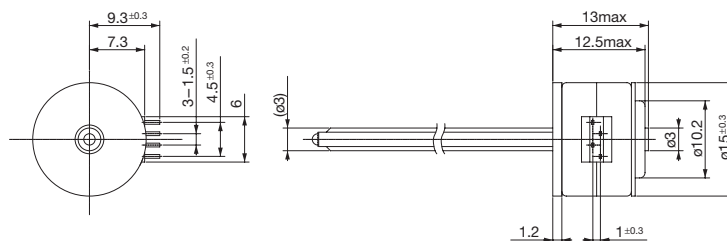
SPECIFICATIONS

Items	M15LS-1N
Rated Voltage	DC 5V
Working Voltage	DC 4.5~5.5V
Rated Current/Phase	375mA
No. of Phase	2 Phase
Coil DC Resistance	14Ω/phase±7%
Step Angle	18°/step
Excitation Method	2-2 Phase excitation (Bipolar driving)
Insulation Class	Class E insulation
Holding Torque	4mN·m
Pull-out Torque	1mN·m/1000pps
Pull-in Torque	2.25mN·m/400pps
Max. Pull-out Pulse Rate	900pps
Max. Pull-in Pulse Rate	1600pps

CHARACTERISTICS



DIMENSIONS



Unit : mm, General tolerance : ±0.5