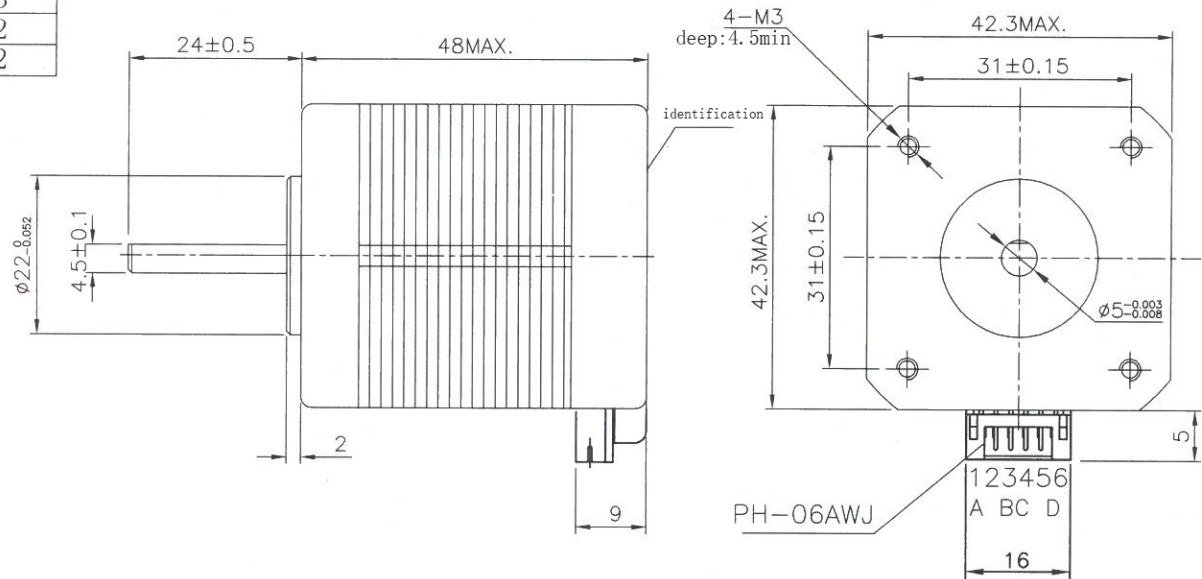


Tolerance not marked shall be in accordance with it4	
Basic dimension / mm	Tolerance value
0-3	0.25
3-6	0.3
6-10	0.36
10-18	0.43
18-30	0.52
30-50	0.62



Identification content

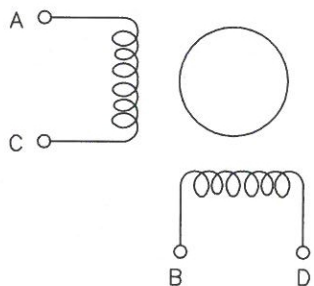
STEP MOTOR

42SHTNC6009Z-24B

LOT NO.

DATE OF MANUFACTURE

Winding wiring diagram



Characteristic	Specifications	characteristic	Specifications
Phase number	2	Step angle	$0.9^{\circ} \pm 0.09^{\circ}$
Rated voltage	DC 3.4 V	Rated current	DC 2.0A / mutually
Phase resistance(20°C)	$1.7 \times (1 \pm 20\%) \Omega / \text{mutually}$	Phase inductance(1kHz)	$4.1 \times (1 \pm 20\%) \text{ mH} / \text{mutually}$
Maximum static moment	$\geq 550 \text{ mN} \cdot \text{m}$	Positioning torque	25 mN.m REF
Steering(shaft extension)	A-B-C-D-A Clockwise	Maximum no load starting frequency	$\geq 1500 \text{ PPS}$
Maximum no load operation frequency	$\geq 2100 \text{ PPS}$	insulation resistance	$\geq 100 \text{ M}\Omega$ (DC 500V)
Electrical strength	AC600V/1mA/1S	Insulation class	Grade B
Moment of inertia	83 g.cm ²	quality	0.35 Kg REF.