

32177-MS

NEMA 17 STEPMOTOR

P/N: 17HD3007-03

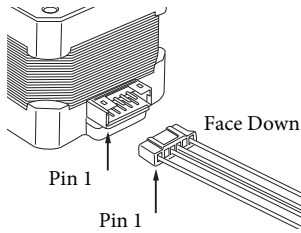
COIL: ~6VDC/7 Ohms/15uH

TYPE: 2 Phase Bi-Polar 4 lead

STEP ANGLE: 1.8 deg

New step motor, 5mm X 22mm steel shaft. 4 corner m3 X 3.5mm threaded mtg. holes.

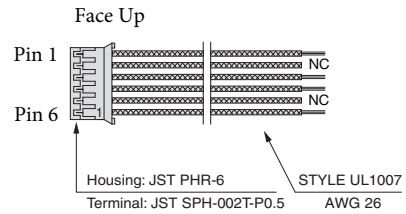
■ Wiring Connection: 17HD 17HDN series



Motor side: JST S6B-PH-K (LF)(SN)

NOTE:

Supplied connector pigtail is Not color coded. Observe the location of Pin 1 of the motor and align the mating pigtail Connect accordingly



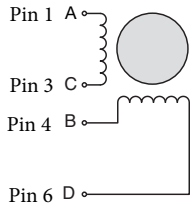
Pigtail Detail

■ Schematic Diagrams & Stepping Sequence

2 PHASE

4 lead wire (bipolar)

Lead Wire Configuration



Sequence Model

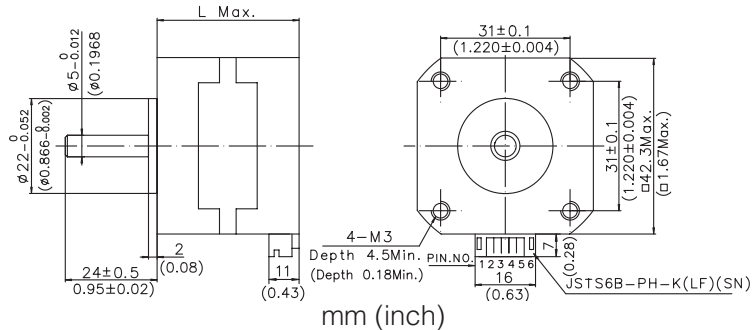
Bi-Polar full step

step	A	B	C	D
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

CW(clockwise) & CCW(counter clockwise) rotation when seen from the flange side of the motor

■ Mechanical Dimension

Model Number	L	Mass
	mm (in.)	kg (lb.)
17HD3**	47.3 (1.84)	0.36 (0.79)



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