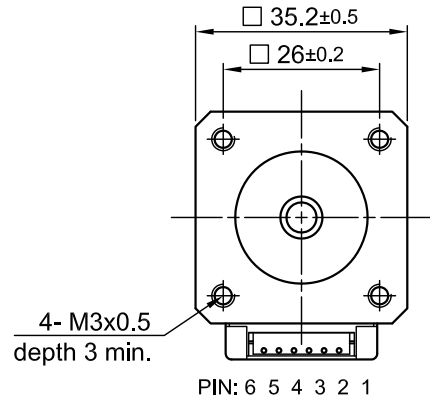
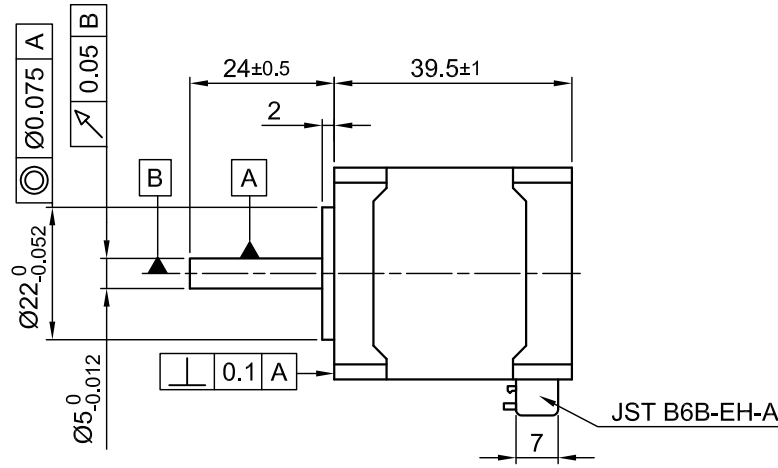


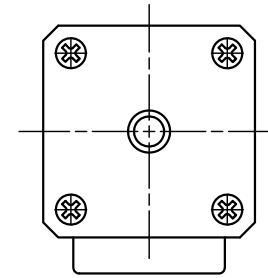
Front view and mounting



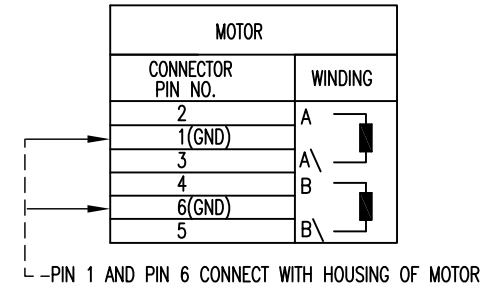
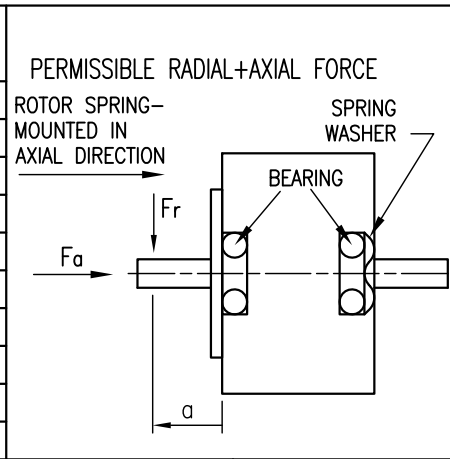
Side view



Rear view

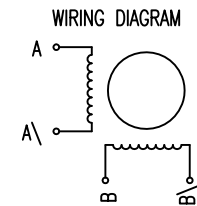


SPECIFICATION	CONNECTION	BIPOLAR SERIES
VOLTAGE (VDC)		3.0
AMPS/PHASE		1.2
RESISTANCE/PHASE (Ohms)@25°C		2.5±10%
INDUCTANCE/PHASE (mH) @1KHz		2.9±20%
HOLDING TORQUE (Nm) [lb-in]		0.18 [1.593]
DETENT TORQUE (Nm) [lb-in]		TBD
STEP ANGLE (°)		1.8
ACCURACY (NON-ACCUM)		±5%
ROTOR INERTIA (Kg-m <sup>2</sup> ) [lb-in <sup>2</sup> ]		2x10 <sup>-6</sup> [0.0068]
WEIGHT (Kg) [lb]		0.18 [0.4]



FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)

STEP	A	B	A\	B\	CCW	CW
1	+	+	-	-	↓	↑
2	-	+	+	-	↑	↓
3	-	-	+	+	↓	↑
4	+	-	-	+	↑	↓



TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)	AXIAL-FORCE Fa (N)	Fa=7			
AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F]	DISTANCE a (mm)	5	10	15	20
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)	RADIAL-FORCE Fr (N)	58	36	26	20
INSULATION CLASS B 130° [266°F]			AXIAL	RADIAL	
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)	SHAFT PLAY (mm)	0.08		0.02	
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)	AT LOAD MAX: (N)	4.5		4.5	

				<b>Nanotec</b> PLUG & DRIVE			APVD	G.S.	19.03.15	<b>STEPPING MOTOR</b>
							CHKD			
							DRN	A.S.	18.03.15	DWG.NO
REV	DESCRIPTION	DATE	DRN	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715	SIGNATURE		DATE	SC3518M1204-A