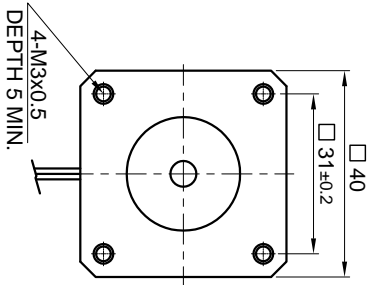
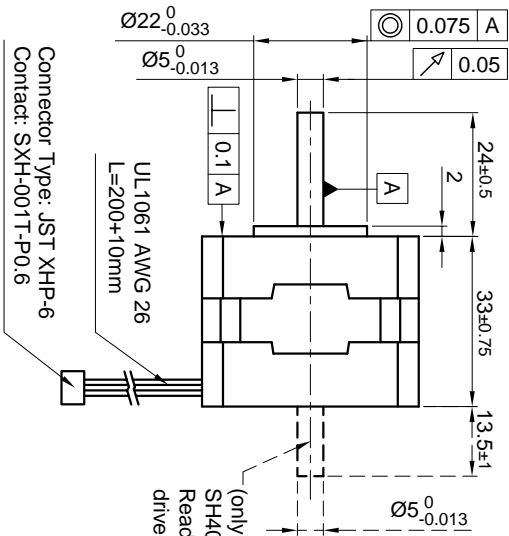


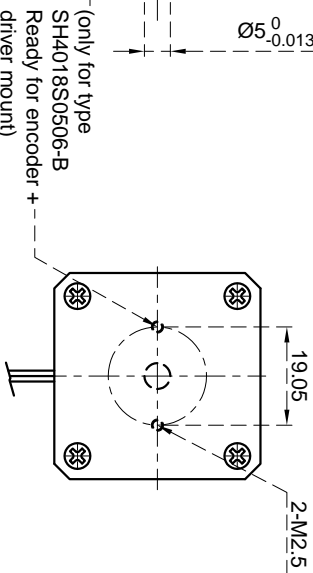
Front view and mounting



Side view

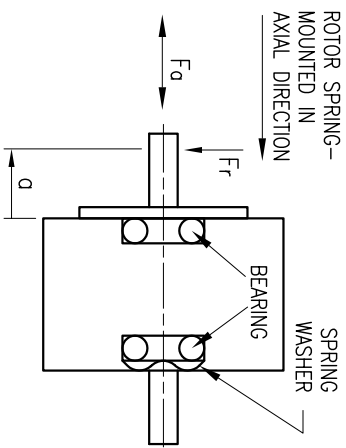


Rear view



CONNECTION	UNIPOLAR OR BIPOLAR-1 WINDING	BIPOLAR SERIAL
VOLTAGE (VDC)	5.5	7.78
AMPS/PHASE	0.5	0.35
RESISTANCE/PHASE (Ohms)@25°C	11±15%	22±15%
INDUCTANCE/PHASE (mH) @1KHz	7.6±20%	30.4±20%
HOLDING TORQUE (Nm) [lb-in]	0.09 [0.797]	0.127 [1.124]
DETENT TORQUE (Nm) [lb-in]		2.7x10 ⁻³ [0.0239]
STEP ANGLE (°)		1.8
STEP ACCURACY (NON-ACCUM)		±5%
ROTOR INERTIA (Kg-m ²) [lb-in ²]		1.9x10 ⁻⁶ [6.49x10 ⁻³]
WEIGHT (Kg) [lb]		0.2 [0.441]
TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)		
AMBIENT TEMPERATURE -10°~ 50°C [14°F ~ 122°F]		
INSULATION RESISTANCE 100 Mohm (UNDER NORMAL TEMPERATURE AND HUMIDITY)		
INSULATION CLASS B 130° [266°F]		
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)		
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)		

PERMISSIBLE RADIAL+AXIAL FORCE



AXIAL-FORCE Fd (N)	AXIAL-FORCE Fa (N)	Radial-FORCE Fr (N)
5	10	15
58	36	26
0.075	0.075	0.025
10	5.0	

TYPE OF CONNECTION (EXTERN)	MOTOR			
	UNIPOLAR	BIPOLAR TWINWINDING	BIPOLAR SERIAL	CONNECTOR PIN NO.
A COM	A COM	A	1	WHT
A \	A \	A \	5	BRN
B COM	B COM	B	3	RED
B \	B \	B \	2	BLU
			6	BRN
			4	YEL

for >speed →
for <speed ←

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

STEP	A	B	A \	B \	CCW
1	+	+	-	-	←
2	-	+	+	-	←
3	-	-	+	+	→
4	+	-	-	+	→

WIRING DIAGRAM

REV	DESCRIPTION	DATE	APVD	NANOTEC:	SH4018S0506	SCALE FREE	APVD	S.K.K.	04.07.06	STEPPING MOTOR	DWG:NO	SH4018S0506
						±0.5	CHKD					
						±0.2	DRN	J.W.	03.07.06			
						±0.1	SIGNATURE					
						±30°						