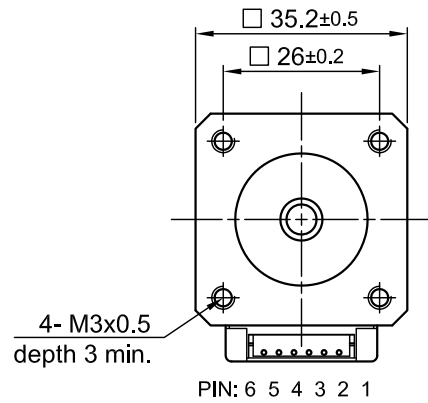
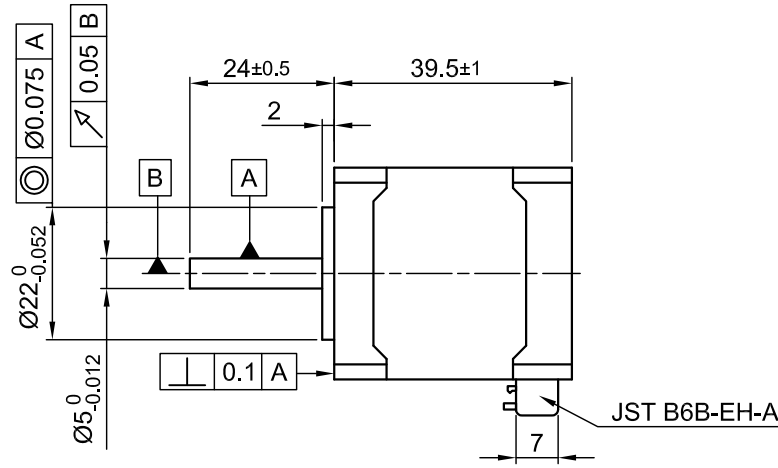


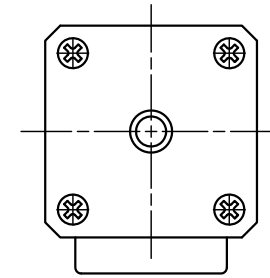
Front view and mounting



Side view

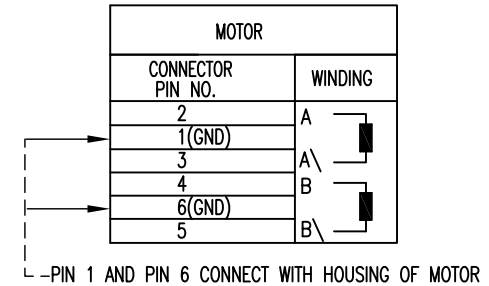


Rear view



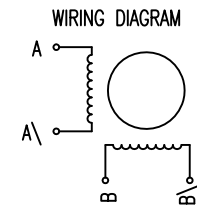
SPECIFICATION	CONNECTION	BIPOLAR SERIES
VOLTAGE (VDC)		3.0
AMPS/PHASE		1.2
RESISTANCE/PHASE (Ohms)@25°C		2.5±10%
INDUCTANCE/PHASE (mH) @1KHz		2.9±20%
HOLDING TORQUE (Nm) [lb-in]		0.18 [1.593]
DETENT TORQUE (Nm) [lb-in]		TBD
STEP ANGLE (°)		1.8
ACCURACY (NON-ACCUM)		±5%
ROTOR INERTIA (Kg-m ²) [lb-in ²]		2x10 ⁻⁶ [0.0068]
WEIGHT (Kg) [lb]		0.18 [0.4]
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				
ROTOR SPRING-MOUNTED IN AXIAL DIRECTION				
AXIAL-FORCE Fa (N)	Fa=7			
DISTANCE a (mm)	5	10	15	20
RADIAL-FORCE Fr (N)	58	36	26	20
	AXIAL	RADIAL		
SHAFT PLAY (mm)	0.08	0.02		
AT LOAD MAX: (N)	4.5	4.5		



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

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



REV	DESCRIPTION	DATE	DRN	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715	APVD	G.S.	19.03.15	STEPPING MOTOR
							CHKD			
							DRN	A.S.	18.03.15	SC3518M1204-A
							SIGNATURE		DATE	

