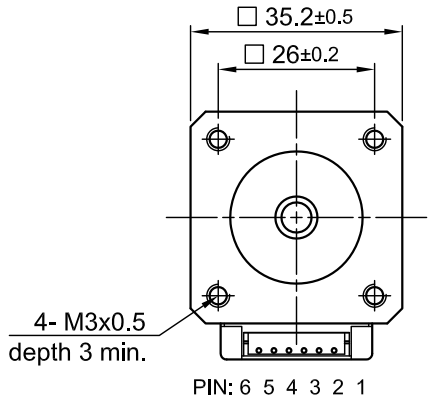
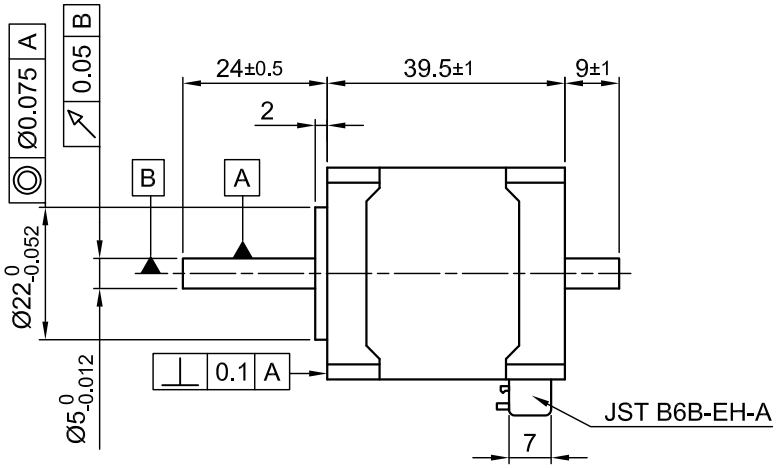
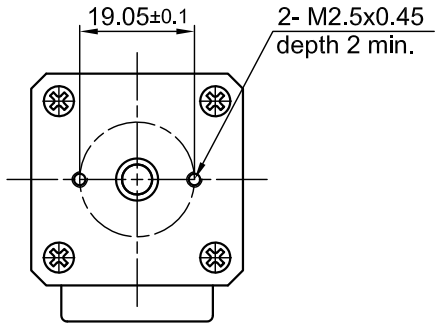
Front view and mounting



Side view

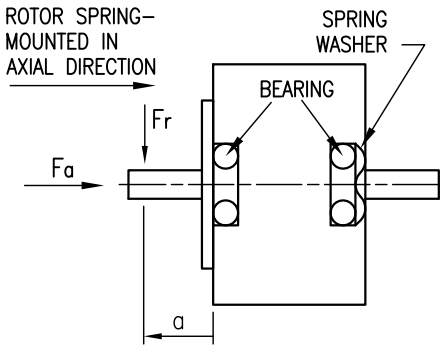


Rear view



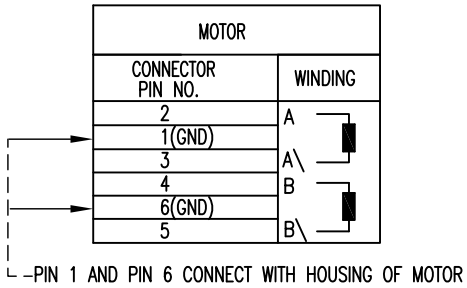
CONNECTION / SPECIFICATION	BIPOLAR SERIES
VOLTAGE (VDC)	3.0
AMPS/PHASE	1.2
RESISTANCE/PHASE (Ohms)@25°C	2.5±10%
INDUCTANCE/PHASE (mH) @1KHz	2.9±20%
HOLDING TORQUE (Nm) [lb-in]	0.18 [1.593]
DETENT TORQUE (Nm) [lb-in]	TBD
STEP ANGLE (°)	1.8
ACCURACY (NON-ACCUM)	±5%
ROTOR INERTIA (Kg-m²) [lb-in²]	2x10⁻⁶ [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



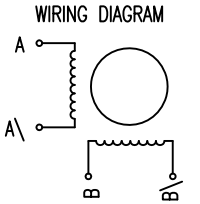
AXIAL-FORCE Fa (N)	Fa=7			
DISTANCE a (mm)	5	10	15	20
RADIAL-FORCE Fr (N)	58	36	26	20

	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\	
1	+	+	-	-	CCW
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	CW



REV	DESCRIPTION	DATE	DRN

Nanotec® PLUG & DRIVE

Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715

APVD	G.S.	22.04.15
CHKD		
DRN	A.S.	22.04.15
SIGNATURE		DATE

STEPPING MOTOR

DWG.NO SC3518M1204-B