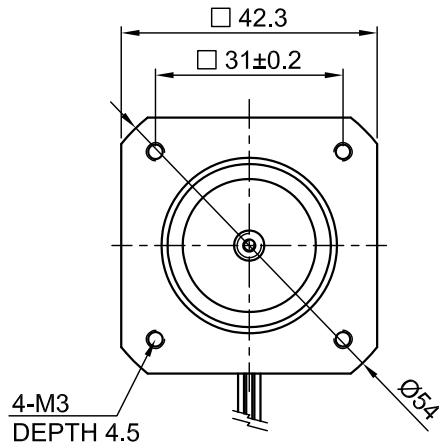
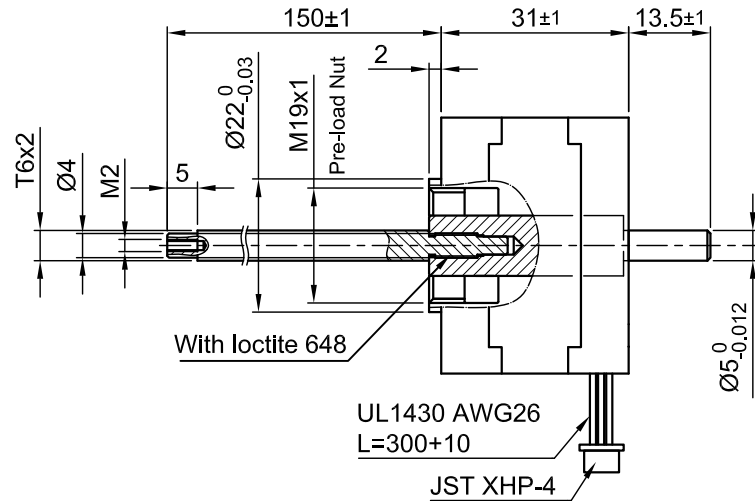


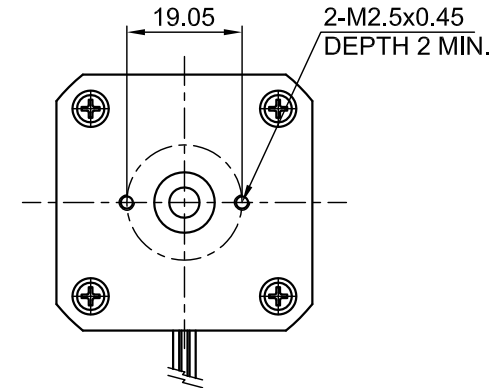
Front view and mounting



Side view



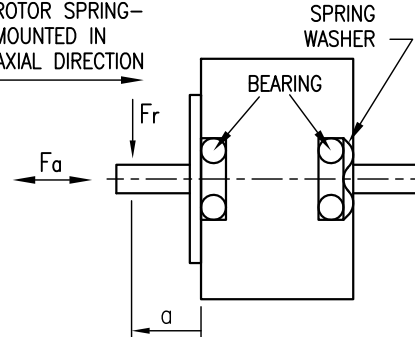
Rear view



SPECIFICATION	CONNECTION	BIPOLAR
VOLTAGE (VDC)		2.8
AMPS/PHASE		1.4
RESISTANCE/PHASE (Ohms)@25°C		2.0±15%
INDUCTANCE/PHASE (mH) @1KHz		3.6±20%
HOLDING TORQUE (Nm) [lb-in]		0.2 [1.77]
DETENT TORQUE (Nm) [lb-in]		5.9x10 ⁻³ [5.222x10 ⁻²]
STEP ANGLE (°)		1.8
STEP ACCURACY (NON-ACCUM)		±5%
ROTOR INERTIA (Kg-m ²) [lb-in ²]		3.8x10 ⁻⁶ [1.3x10 ⁻²]
WEIGHT (Kg) [lb]		0.2 [0.44]
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

SHAFT PLAY (mm)

0.9 * 0.02

AT LOAD MAX: (N)

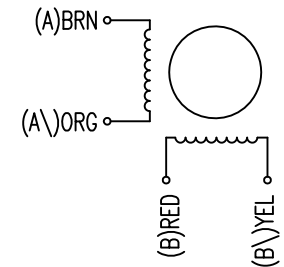
90 * 4.5

TYPE OF CONNECTION (EXTERN)		MOTOR	
PIN NO	BIPOLAR	LEADS	WINDING
1	A —	BRN	A
2	A\ —	ORG	A\
3	B —	RED	B
4	B\ —	YEL	B\

WIRING DIAGRAM

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

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



Nanotec
PLUG & DRIVE

LS4118S1404-T6x2-150

SCALE FREE

X ±0.5

1PL ±0.2

2PL ±0.1

ANGLE ±30°

APVD

CHKD

DRN

SIGNATURE

S.R.

J.W.

25.10.10

25.10.10

DATE

STEPPING MOTOR

DWG.NO

LS4118S1404-T6x2-150

REV	DESCRIPTION	DATE	APVD