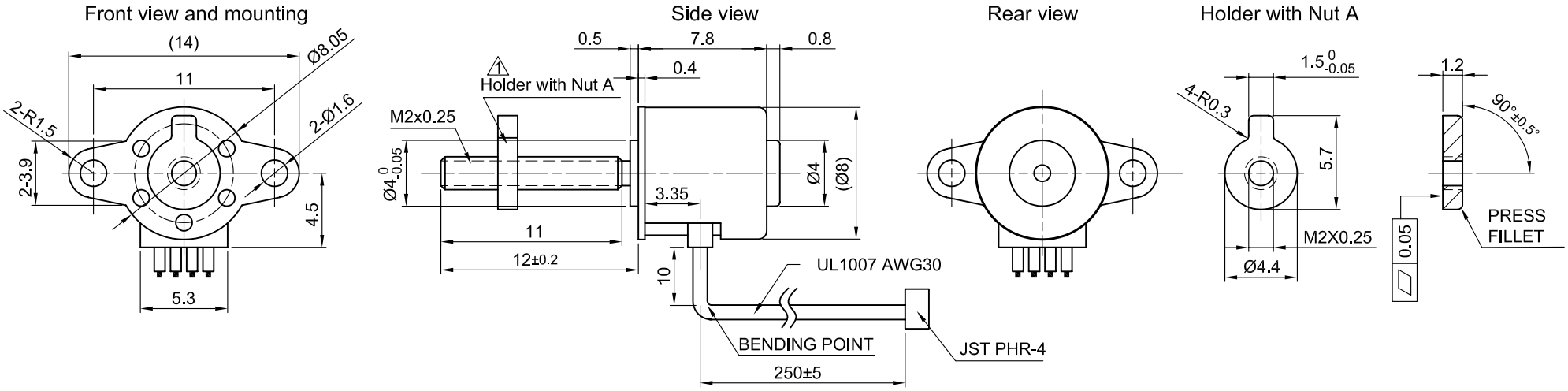


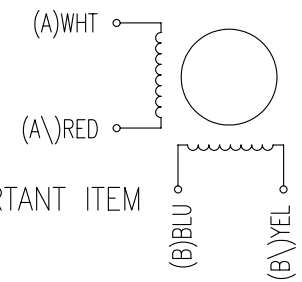
SPECIFICATION \ CONNECTION	BIPOLAR
VOLTAGE (VDC)	1.57
AMPS/PHASE	0.121
RESISTANCE/PHASE (Ohms)@25°C	13±8%
INDUCTANCE/PHASE (mH) @1KHz	1.5
HOLDING TORQUE (Nm) [lb-in]	$4.5X10^{-4}$ [$3.98X10^{-3}$] 2
DETENT TORQUE (Nm) [lb-in]	$1.35x10^{-5}$ [$1.19x10^{-4}$]
STEP ANGLE (°)	18
STEP ACCURACY (NON-ACCUM)	±7%
ROTOR INERTIA ($Kg-m^2$) [$lb-in^2$]	$2.0x10^{-10}$[$6.834X10^{-7}$]
WEIGHT (Kg) [lb]	0.003 [0.007]

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

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

TYPE OF CONNECTION (EXTERN)	MOTOR		
BIPOLAR	CONNECTOR PIN NO.	LEADS	WINDING
A —	1	WHT	A
A\ —	2	RED	A\
B —	3	BLU	B
B\ —	4	YEL	B\

WIRING DIAGRAM



! IMPORTANT ITEM

TEMPERATURE RISE: MAX.75°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)	
AMBIENT TEMPERATURE −20°~ 50°C [−4°F ~ 122°F]	
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)	
INSULATION CLASS E 120° [248°F]	
DIELECTRIC STRENGTH 600VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)	
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)	

	AXIAL	RADIAL
AXIAL-FORCE Fa (N)	Fa=0.5	
DISTANCE a (mm)	1/2 SCHAFTLENGTH	
RADIAL-FORCE Fr (N)	Fr=1	
SHAFT PLAY (mm)	n.a.	n.a.
AT LOAD MAX: (N)	n.a.	n.a.

REV	DESCRIPTION	DATE	APVD
2	OLD HOLDING TORQUE: 5.9 g-cm	12.11.07	J.W.
1	HOLDER WITH NUT AS STANDARD	05.10.07	S.Ha.

NANOTEC:

LSP0818M0104-M2X0.25

SCALE FREE		APVD	B.W.	11.05.07
X	±0.5	CHKD		
1PL	±0.2	DRN	J.W.	11.05.07
2PL	±0.1	SIGNATURE		DATE
ANGLE	±30'			

STEPPING MOTOR

DWG.NO

LSP0818M0104-M2X0.25