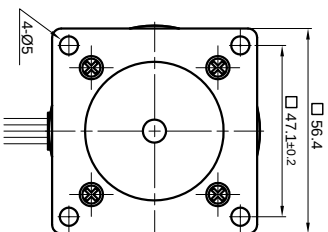
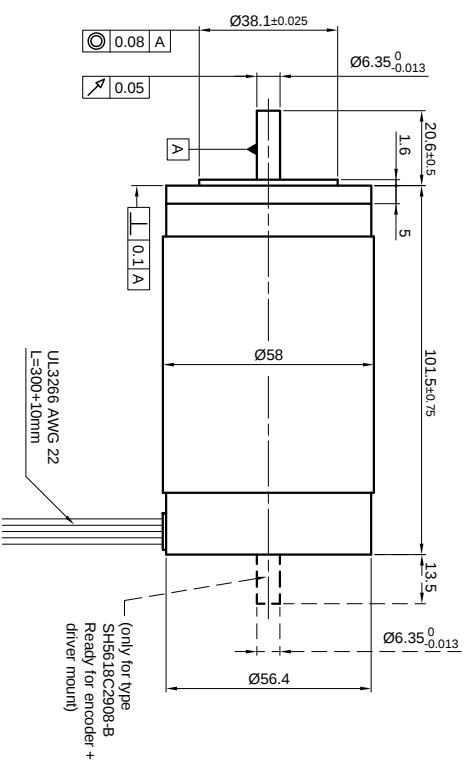


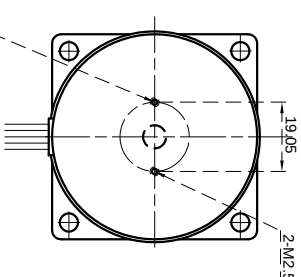
Front view and mounting



Side view



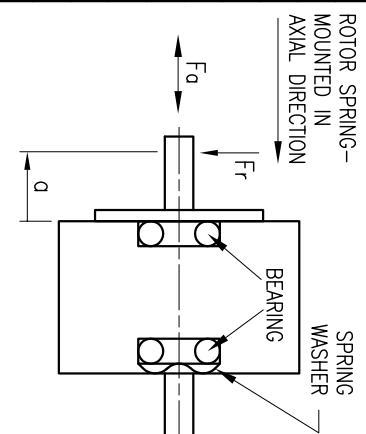
Rear view



CONNECTION			UNIPOLAR OR BIPOLAR-1 WINDING		BIPOLAR	
SPECIFICATION			SERIAL	PARALLEL		
VOLTAGE (VDC)			3.4	4.82	2.41	
AMPS/PHASE			2.85	2.01	4.03	
RESISTANCE/PHASE (Ohms)@25°C			1.2±15%	2.4±15%	0.6±15%	
INDUCTANCE/PHASE (mH) @1KHz			2.5±20%	8.4±20%	2.5±20%	
HOLDING TORQUE (Nm) [lb-in]			1.3 [11.51]	1.84 [16.28]	1.84 [16.28]	
DEIENT TORQUE (Nm) [lb-in]			0.039 [0.345]			
STEP ANGLE (°)			1.8			
STEP ACCURACY (NON-ACCUM)			±5%			
ROTOR INERTIA (Kg-m ²) [lb-in ²]			3.50x10 ⁻⁵ [0.12]			
WEIGHT (kg) [lb]			1.4 [3.087]			
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)						

NANOTEC:			
SH5618C2908			
REV	DESCRIPTION	DATE	APVD

PERMISSIBLE RADIAL+AXIAL FORCE

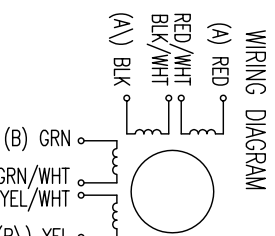


TYPE OF CONNECTION (EXTERN)				MOTOR			
UNIPOLAR		BIPOLAR		LEADS		WINDING	
1WINDING		SERIAL		PARALLEL			
A	—	A	—	A	—	RED	A
COM	—	—	—	—	—	RED/ WHT	RED/ WHT
A\	—	A\	—	A\	—	BLK/ WHT	BLK/ WHT
B	—	B	—	B	—	BLK	A\
COM	—	—	—	—	—	GRN	B
B\	—	B\	—	B\	—	GRN/ WHT	GRN/ WHT
						YEL/ WHT	YEL/ WHT
						YEL	B\

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

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

WIRING DIAGRAM



STEPPING MOTOR			
SCALE FREE		APVD	S.K.
X		±0.5	CHKD
1PL		±0.2	DRN
2PL		±0.1	J.W.
ANGLE		±30°	SIGNATURE
13.07.06		DATE	
DWG.NO		SH5618C2908	