

SPECIFICATION	
RATED VOLTAGE (VM)DC	2.8
AMPS/PHASE	2.0
2PH.EXCITATION	UNI-POLAR
RESISTANCE/PH.RM (ohm@25°C)	1.37±10%
INDUCTANCE/PH.mH @1KHz	1.9±20%
STEP ANGLE (DEG)	0.9
POSITIONAL ACCURACY	±5%
ROTOR INERTIA (g-cm ²)	60
DETENT TORQUE (g-cm)	
HOLDING TORQUE (Kg-cm)	2.3
INSULATION CLASS	B
MOTOR WEIGHT (g)	340
TEMPERATURE RISE	MAX.80°C
INSULATION RESISTANCE	100Mohm @500VDC
DIELECTRIC STRENGTH	500VAC FOR ONE MINUTE
AMBIENT TEMPERATURE	-10°C ~ +50°C

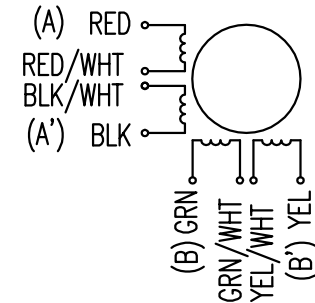
NOTES:

1. SHAFT END PLAY:0.001mm MAX. WITH 6.3Kg FORCE.
2. END CAPS TO BE BLACK PAINTED.
3. B-WASHER AT FRONT (X) END.
4. BRONZE SHAFT.

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

STEP	A	B	A'	B'	COM	CCW
1	ON	ON			+DCV	↕
2		ON	ON			
3			ON	ON		
4	ON			ON		

WIRING DIAGRAM



NANOTEC: L5609X2008-M6

SCALE FREE	APVD	
X ±0.5	CHKD	
1PL ±0.2	DRN	24:10:04
2PL ±0.1	SIGNATURE	DATE
ANGLE ±30'		

STEPPING MOTOR

DWG.NO
L5609X2008-M6_Z01

REV	DESCRIPTION	DATE	APVD