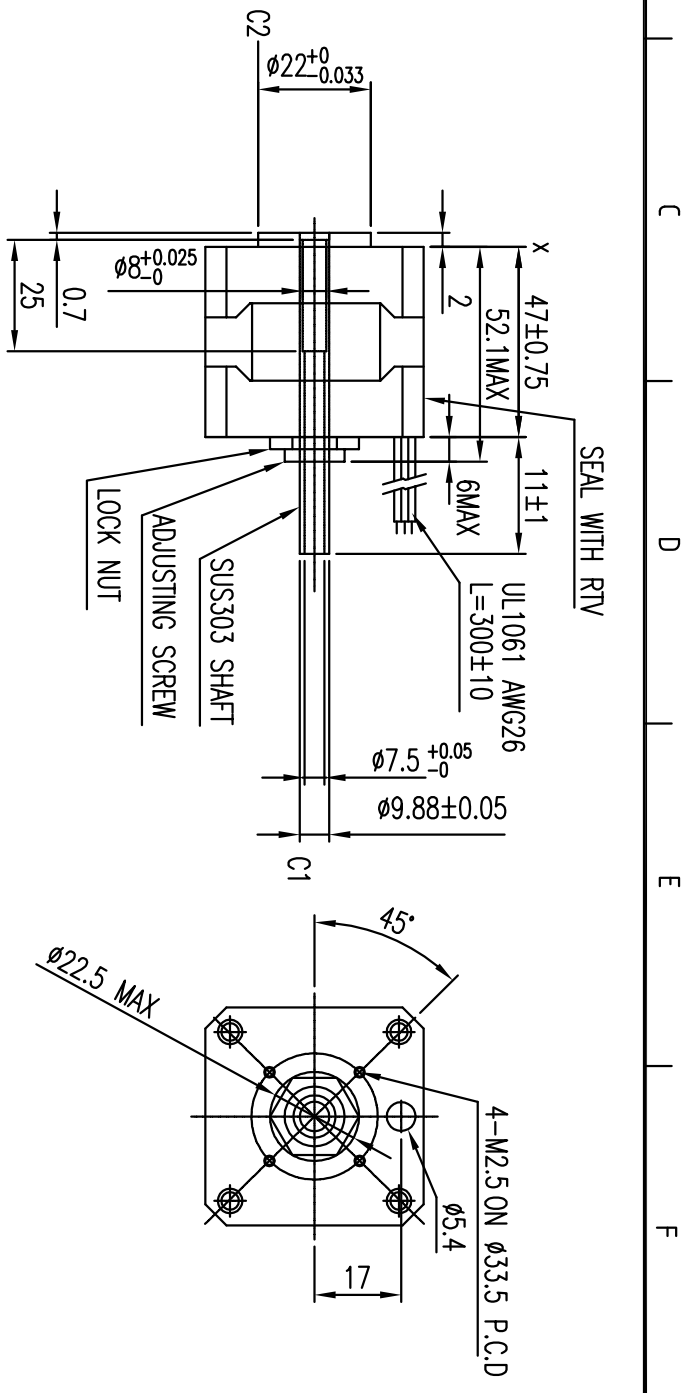
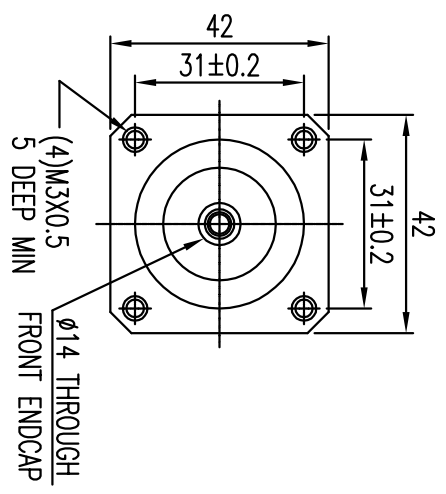


DIMENSION (UNIT : mm)



NOTES:

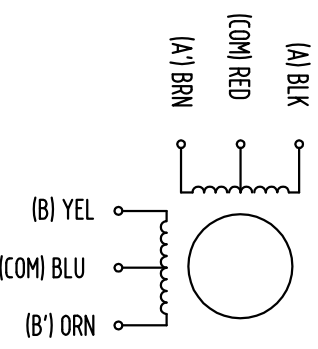
1. C1 DIAMETER RUNOUT TO BE 0.05 mm MAX.
2. C2 CONCENTRIC TO C1 W/IN 0.05 mm TIR.
3. X SURFACE PERPENDICULAR TO C1 W/IN 0.127 mm.
4. END CAPS TO BE BLACK PAINTED.
5. END PLAY : 0.1 MAX. WITH 9.0kg LOAD.
6. TORQUE ADJUSTING SCREW TO 1.44 kg-cm (REF) TO MEET NOTE 5.
7. TORQUE LOCKNUT TO 10.8~14.4 kg-cm.

FULL STEP 2 PHASE-Ex.,

WHEN FACING MOUNTING END (X)

STEP	A	B	A'	B'	COM	CCW
1	+	+	-	-		↖
2	-	+	+	-	+DCV	↗
3	-	-	+	+		↖
4	+	-	-	+		↗

WIRING DIAGRAM



SPECIFICATION		
RATED VOLTAGE (VM)DC		3.4
AMPS/PHASE		1.8
RESISTANCE /PHASE Rm (Ohms) @25°C		1.9 ±10%
INDUCTANCE/PHASE.mH @1KHz		1.65 ±20%
STEP ANGLE (DEG)		1.8
STEP ACCURACY (NON-ACCUM)		±5%
HOLDING TORQUE (g-cm) @1.8A/Ø2.0-Ex.		3000
ROTOR INERTIA (g-cm ²)		68
WEIGHT (g)		280
INSULATION CLASS		B
INSULATION RESISTANCE	100M ohm @500VDC	
Dielectric strength	500VAC FOR ONE MINUTE	
AMBIENTTEMPERATURE	-10°C ~ +50°C	

NANOTECH:ST4218L1806-LC

REV	DESCRIPTION	mm-dd-yy	APVD	SCALE FREE	APVD	DATE	DWG.NO
				X ±0.5 1Pl ±0.2 2Pl ±0.1 ANGLE ±30°	CHKD DRN	14.12.04	ST4218L1806-LC_Z01

STEPPING MOTOR